

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092023\
 Data File : VX037822.D
 Acq On : 20 Sep 2023 10:48
 Operator : JC/MD
 Sample : VX0920WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/21/2023
 Supervised By : Mahesh Dadoda 09/21/2023

Quant Time: Sep 21 05:52:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	236579	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	393834	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	381290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	208479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165712	53.313	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.620%			
35) Dibromofluoromethane	5.385	113	141569	53.723	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.440%			
50) Toluene-d8	8.647	98	525770	53.698	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.400%			
62) 4-Bromofluorobenzene	11.079	95	197351	55.467	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.940%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	43937	17.620	ug/l	99
3) Chloromethane	1.301	50	48727	17.960	ug/l	98
4) Vinyl Chloride	1.374	62	52839	18.052	ug/l	97
5) Bromomethane	1.605	94	41932	20.011	ug/l	99
6) Chloroethane	1.691	64	36890	18.294	ug/l	98
7) Trichlorofluoromethane	1.892	101	86243	18.327	ug/l	99
8) Diethyl Ether	2.136	74	34650	19.006	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.331	101	45218	18.934	ug/l	97
10) Methyl Iodide	2.453	142	56233	17.793	ug/l	93
11) Tert butyl alcohol	2.953	59	53444	80.104	ug/l	# 91
12) 1,1-Dichloroethene	2.319	96	42690	18.496	ug/l	87
13) Acrolein	2.233	56	64895	98.457	ug/l	98
14) Allyl chloride	2.666	41	70051	18.223	ug/l	# 96
15) Acrylonitrile	3.063	53	133465	89.972	ug/l	99
16) Acetone	2.380	43	136110	91.027	ug/l	# 88
17) Carbon Disulfide	2.514	76	101699	17.575	ug/l	99
18) Methyl Acetate	2.703	43	97587	18.092	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	162041	19.085	ug/l	98
20) Methylene Chloride	2.788	84	55586	20.092	ug/l	# 88
21) trans-1,2-Dichloroethene	3.093	96	49700	19.392	ug/l	91
22) Diisopropyl ether	3.758	45	154732	19.324	ug/l	92
23) Vinyl Acetate	3.721	43	564174	95.790	ug/l	95
24) 1,1-Dichloroethane	3.611	63	91611	19.093	ug/l	98
25) 2-Butanone	4.556	43	183425	86.928	ug/l	92
26) 2,2-Dichloropropane	4.477	77	72587	18.722	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	61461	19.561	ug/l	89
28) Bromochloromethane	4.898	49	44847	20.035	ug/l	# 81
29) Tetrahydrofuran	5.007	42	113877	86.763	ug/l	89
30) Chloroform	5.099	83	100508	19.445	ug/l	98
31) Cyclohexane	5.471	56	70731	17.729	ug/l	# 94
32) 1,1,1-Trichloroethane	5.385	97	83516	19.082	ug/l	97
36) 1,1-Dichloropropene	5.696	75	68576	18.891	ug/l	95
37) Ethyl Acetate	4.715	43	70663	17.707	ug/l	96
38) Carbon Tetrachloride	5.678	117	71794	18.902	ug/l	92
39) Methylcyclohexane	7.379	83	82704	17.951	ug/l	92
40) Benzene	6.044	78	212091	18.999	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092023\
 Data File : VX037822.D
 Acq On : 20 Sep 2023 10:48
 Operator : JC/MD
 Sample : VX0920WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/21/2023
 Supervised By : Mahesh Dadoda 09/21/2023

Quant Time: Sep 21 05:52:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	37701	18.528	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	78314	19.410	ug/l	98
43) Isopropyl Acetate	6.342	43	115735	18.137	ug/l #	96
44) Trichloroethene	7.129	130	57958	18.644	ug/l	90
45) 1,2-Dichloropropane	7.434	63	54204	18.698	ug/l	99
46) Dibromomethane	7.580	93	41607	19.952	ug/l	94
47) Bromodichloromethane	7.824	83	74303	19.347	ug/l	95
48) Methyl methacrylate	7.696	41	56246	18.438	ug/l #	88
49) 1,4-Dioxane	7.659	88	28372	354.770	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	370513	91.516	ug/l	96
52) Toluene	8.720	92	138321	19.227	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	77872	19.391	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	87048	19.586	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	58607	19.322	ug/l	94
56) Ethyl methacrylate	9.116	69	85096	18.792	ug/l	91
57) 1,3-Dichloropropane	9.311	76	96045	19.568	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	196671	93.013	ug/l	98
59) 2-Hexanone	9.427	43	282884	89.740	ug/l	93
60) Dibromochloromethane	9.519	129	58740	19.440	ug/l	100
61) 1,2-Dibromoethane	9.610	107	62930	19.595	ug/l	98
64) Tetrachloroethene	9.275	164	48829	18.778	ug/l	98
65) Chlorobenzene	10.080	112	152816	18.581	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	56315	19.322	ug/l	100
67) Ethyl Benzene	10.195	91	268887	18.857	ug/l	98
68) m/p-Xylenes	10.299	106	213136	38.682	ug/l	96
69) o-Xylene	10.640	106	103085	18.657	ug/l	98
70) Styrene	10.659	104	171705	19.357	ug/l	96
71) Bromoform	10.799	173	41892	18.195	ug/l #	99
73) Isopropylbenzene	10.964	105	271866	17.775	ug/l	99
74) N-amyl acetate	10.842	43	103888	16.771	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.214	83	93694	17.418	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82466m	17.102	ug/l	
77) Bromobenzene	11.195	156	68452	18.082	ug/l	89
78) n-propylbenzene	11.305	91	318673	18.449	ug/l	99
79) 2-Chlorotoluene	11.366	91	188550	17.703	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	233110	18.047	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23392	15.540	ug/l	94
82) 4-Chlorotoluene	11.457	91	220920	18.424	ug/l	95
83) tert-Butylbenzene	11.713	119	234862	17.991	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	235648	18.336	ug/l	98
85) sec-Butylbenzene	11.890	105	289902	18.305	ug/l	99
86) p-Isopropyltoluene	12.006	119	248177	18.808	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	130909	18.551	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	134704	18.654	ug/l	99
89) n-Butylbenzene	12.329	91	223793	19.360	ug/l	97
90) Hexachloroethane	12.536	117	39013	17.450	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	132841	18.437	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18320	17.085	ug/l	79
93) 1,2,4-Trichlorobenzene	13.585	180	86025	20.269	ug/l	98
94) Hexachlorobutadiene	13.725	225	37683	19.013	ug/l	98
95) Naphthalene	13.774	128	269787	18.796	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	85133	19.492	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092023\
Data File : VX037822.D
Acq On : 20 Sep 2023 10:48
Operator : JC/MD
Sample : VX0920WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

Quant Time: Sep 21 05:52:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

TIC: VX037822.D\data.ms

Abundance

Time-->

1,450,000
1,400,000
1,350,000
1,300,000
1,250,000
1,200,000
1,150,000
1,100,000
1,050,000
1,000,000
950,000
900,000
850,000
800,000
750,000
700,000
650,000
600,000
550,000
500,000
450,000
400,000
350,000
300,000
250,000
200,000
150,000
100,000
50,000
0

0.00 2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

Chlorodifluoromethane, T
Chlorotrifluoromethane, C
Chloromethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acetone, T
Methoxybenzene, T
Methyl isopropyl sulfide, T
Methyl acetate, T
Methyl ethyl ketone, T
Tert butyl alcohol, T
Acetone, T
1,1-Dichloroethane, P
Diisopropyl ether, T
Acetate, T
2-Butoxyethanol, T
Ethyl acetate, T
Bromochloromethane, T
Chloroform, C
Cyclohexane, T
Pentachlorobenzene, I
Carbon tetrachloride, T
1,2-Dichloroethane-d4, S
Isopropyl acetate, T
1,4-Difluorobenzene, I
Trichloroethene, TM
1,2-Dichloropropane, T
1,4-Dioxane, T
Bromochloromethane, T
cis-1,3-Dichloropropene, T
2-Chloroethyl Vinyl ether, T
Toluene, CM
t-1,3-Dichloropropane, T
Ethyl acetate, T
1,3-Dichloropropane, T
1,2-Dichloropropane, T
1,2-Dichloroethane, T
1,1,1,2-Tetrachloroethane, T
Chlorobenzene-d5, I
n/p-Xylenes, T
Bromofluoromethane, T
N-ethyl acetate, T
trans-1,2-Dichloroethene, T
1,2,3-Trichlorobenzene, T
2-Chlorotoluene, T
1,2,4-Trichlorobenzene, T
1,2,5-Trichlorobenzene, T
1,3-Dichlorobenzene, T
1,4-Dichlorobenzene, T
n-Butyl acetate, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
1,2,4-Trichlorobenzene, T
Hexachlorobenzene, T
1,2,3-Trichlorobenzene, T
1,4-Dichlorobenzene-d4, I