

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038722.D
 Acq On : 10 Nov 2023 12:43
 Operator : JC/MD
 Sample : VX1110WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1110WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/13/2023
 Supervised By : Mahesh Dadoda 11/13/2023

Quant Time: Nov 11 01:52:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	296980	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	448260	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	434737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	250485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	176223	47.663	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.320%		
35) Dibromofluoromethane	5.385	113	158276	49.025	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.040%		
50) Toluene-d8	8.647	98	565094	48.914	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.820%		
62) 4-Bromofluorobenzene	11.079	95	225214	50.280	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	58206	18.873	ug/l	100
3) Chloromethane	1.300	50	45270	16.982	ug/l	98
4) Vinyl Chloride	1.374	62	50361	17.746	ug/l	98
5) Bromomethane	1.605	94	42032	19.190	ug/l	99
6) Chloroethane	1.691	64	34069	18.961	ug/l	98
7) Trichlorofluoromethane	1.892	101	96822	19.790	ug/l	100
8) Diethyl Ether	2.136	74	32112	19.120	ug/l	72
9) 1,1,2-Trichlorotrifluo...	2.331	101	56040	19.372	ug/l	89
10) Methyl Iodide	2.453	142	71466	20.004	ug/l	93
11) Tert butyl alcohol	2.953	59	68473	90.594	ug/l	# 92
12) 1,1-Dichloroethene	2.318	96	51991	18.759	ug/l	# 78
13) Acrolein	2.233	56	54651	95.401	ug/l	100
14) Allyl chloride	2.666	41	70352	17.722	ug/l	# 94
15) Acrylonitrile	3.062	53	155872	97.719	ug/l	100
16) Acetone	2.373	43	154347	99.124	ug/l	92
17) Carbon Disulfide	2.514	76	126902	17.232	ug/l	100
18) Methyl Acetate	2.703	43	129652	19.544	ug/l	# 88
19) Methyl tert-butyl Ether	3.111	73	169263	19.098	ug/l	95
20) Methylene Chloride	2.788	84	58969	18.786	ug/l	# 83
21) trans-1,2-Dichloroethene	3.093	96	57206	18.959	ug/l	# 81
22) Diisopropyl ether	3.757	45	141892	18.965	ug/l	# 91
23) Vinyl Acetate	3.721	43	507366	95.540	ug/l	# 91
24) 1,1-Dichloroethane	3.611	63	91230	18.430	ug/l	99
25) 2-Butanone	4.550	43	216605	96.027	ug/l	# 87
26) 2,2-Dichloropropane	4.477	77	76426	17.683	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	66916	19.205	ug/l	83
28) Bromochloromethane	4.897	49	43319	19.473	ug/l	# 53
29) Tetrahydrofuran	5.001	42	133288	94.974	ug/l	# 79
30) Chloroform	5.092	83	107593	18.525	ug/l	98
31) Cyclohexane	5.470	56	74620	18.236	ug/l	84
32) 1,1,1-Trichloroethane	5.379	97	95466	18.678	ug/l	95
36) 1,1-Dichloropropene	5.696	75	75260	18.766	ug/l	94
37) Ethyl Acetate	4.708	43	77182	18.850	ug/l	# 92
38) Carbon Tetrachloride	5.678	117	86340	19.258	ug/l	97
39) Methylcyclohexane	7.379	83	92913	18.530	ug/l	88
40) Benzene	6.037	78	217709	18.847	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038722.D
 Acq On : 10 Nov 2023 12:43
 Operator : JC/MD
 Sample : VX1110WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1110WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/13/2023
 Supervised By : Mahesh Dadoda 11/13/2023

Quant Time: Nov 11 01:52:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	40224	19.283	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	82058	19.688	ug/l	96
43) Isopropyl Acetate	6.336	43	117161	18.612	ug/l #	91
44) Trichloroethene	7.129	130	69063	19.216	ug/l	89
45) 1,2-Dichloropropane	7.427	63	52424	18.774	ug/l	98
46) Dibromomethane	7.580	93	45165	19.341	ug/l #	83
47) Bromodichloromethane	7.824	83	81585	18.577	ug/l	99
48) Methyl methacrylate	7.689	41	58037	19.131	ug/l #	83
49) 1,4-Dioxane	7.659	88	29356	425.066	ug/l #	86
51) 4-Methyl-2-Pentanone	8.573	43	410322	100.045	ug/l	92
52) Toluene	8.720	92	147064	19.435	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	82105	18.363	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	88992	18.854	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	64799	20.182	ug/l	96
56) Ethyl methacrylate	9.116	69	88966	19.805	ug/l #	83
57) 1,3-Dichloropropane	9.305	76	98523	19.702	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	227058	102.806	ug/l	91
59) 2-Hexanone	9.427	43	327276	98.619	ug/l	89
60) Dibromochloromethane	9.518	129	70759	19.633	ug/l	100
61) 1,2-Dibromoethane	9.610	107	72112	19.985	ug/l	99
64) Tetrachloroethene	9.275	164	61814	18.996	ug/l	95
65) Chlorobenzene	10.079	112	171119	19.336	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	64950	19.523	ug/l	98
67) Ethyl Benzene	10.195	91	288298	19.259	ug/l	99
68) m/p-Xylenes	10.299	106	230213	38.748	ug/l	97
69) o-Xylene	10.640	106	110932	19.200	ug/l	97
70) Styrene	10.652	104	186603	19.569	ug/l	95
71) Bromoform	10.799	173	55829	19.013	ug/l #	100
73) Isopropylbenzene	10.963	105	296724	19.309	ug/l	97
74) N-amyl acetate	10.841	43	98423	18.433	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	102678	19.327	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	95843m	19.320	ug/l	
77) Bromobenzene	11.195	156	81097	19.229	ug/l	81
78) n-propylbenzene	11.305	91	345009	19.293	ug/l	97
79) 2-Chlorotoluene	11.360	91	206010	19.242	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	259727	19.638	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	26110	18.053	ug/l	91
82) 4-Chlorotoluene	11.451	91	242174	19.362	ug/l	93
83) tert-Butylbenzene	11.713	119	259073	19.332	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	256466	19.551	ug/l	96
85) sec-Butylbenzene	11.890	105	321460	19.224	ug/l	97
86) p-Isopropyltoluene	12.006	119	278539	19.553	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	154949	19.216	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	156041	18.827	ug/l	97
89) n-Butylbenzene	12.329	91	239855	18.921	ug/l	96
90) Hexachloroethane	12.536	117	44691	18.521	ug/l	75
91) 1,2-Dichlorobenzene	12.335	146	149797	19.022	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	25913	19.407	ug/l	69
93) 1,2,4-Trichlorobenzene	13.585	180	108727	19.304	ug/l	97
94) Hexachlorobutadiene	13.725	225	46307	19.053	ug/l	98
95) Naphthalene	13.774	128	335981	19.776	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	107474	19.359	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
Data File : VX038722.D
Acq On : 10 Nov 2023 12:43
Operator : JC/MD
Sample : VX1110WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

Quant Time: Nov 11 01:52:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 08 03:19:07 2023
Response via : Initial Calibration

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

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

