

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
 Data File : VX040078.D
 Acq On : 02 Feb 2024 11:49
 Operator : JC/MD
 Sample : VX0202WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0202WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/05/2024
 Supervised By : Semsettin Yesilyurt 02/05/2024

Quant Time: Feb 03 02:12:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	96025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	164333	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73550	47.593	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.180%			
35) Dibromofluoromethane	5.385	113	56467	50.477	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.960%			
50) Toluene-d8	8.647	98	213198	50.961	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.920%			
62) 4-Bromofluorobenzene	11.079	95	81258	50.443	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.880%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	22118	20.450	ug/l	94
3) Chloromethane	1.294	50	21160	20.629	ug/l	97
4) Vinyl Chloride	1.374	62	21247	22.398	ug/l	98
5) Bromomethane	1.599	94	11711	12.699	ug/l	98
6) Chloroethane	1.685	64	9659	15.423	ug/l	98
7) Trichlorofluoromethane	1.886	101	23300	15.437	ug/l	96
8) Diethyl Ether	2.136	74	8768	16.432	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	21388	18.992	ug/l	99
10) Methyl Iodide	2.453	142	23764	19.823	ug/l	93
11) Tert butyl alcohol	2.953	59	28033	99.971	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	19957	18.478	ug/l	91
13) Acrolein	2.233	56	31311	116.545	ug/l	100
14) Allyl chloride	2.660	41	36055	18.520	ug/l	98
15) Acrylonitrile	3.062	53	71299	101.504	ug/l	99
16) Acetone	2.380	43	65846	90.936	ug/l	95
17) Carbon Disulfide	2.508	76	53158	16.834	ug/l	99
18) Methyl Acetate	2.703	43	40830	23.802	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	70190	18.972	ug/l	100
20) Methylene Chloride	2.788	84	23944	18.607	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	21471	18.051	ug/l	92
22) Diisopropyl ether	3.757	45	74035	19.633	ug/l	91
23) Vinyl Acetate	3.721	43	333119	98.705	ug/l	99
24) 1,1-Dichloroethane	3.611	63	40771	18.877	ug/l	99
25) 2-Butanone	4.550	43	101576	100.914	ug/l	97
26) 2,2-Dichloropropane	4.471	77	28752	17.061	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	25248	19.024	ug/l	94
28) Bromochloromethane	4.891	49	17707	17.582	ug/l	99
29) Tetrahydrofuran	5.001	42	67772	105.893	ug/l	98
30) Chloroform	5.093	83	43094	18.582	ug/l	99
31) Cyclohexane	5.471	56	35442	18.309	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	35402	17.787	ug/l	98
36) 1,1-Dichloropropene	5.684	75	31238	19.308	ug/l	98
37) Ethyl Acetate	4.715	43	35801	20.262	ug/l	98
38) Carbon Tetrachloride	5.678	117	28794	18.600	ug/l	91
39) Methylcyclohexane	7.379	83	36656	18.622	ug/l	98
40) Benzene	6.038	78	90954	19.302	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
 Data File : VX040078.D
 Acq On : 02 Feb 2024 11:49
 Operator : JC/MD
 Sample : VX0202WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0202WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/05/2024
 Supervised By :Semsettin Yesilyurt 02/05/2024

Quant Time: Feb 03 02:12:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19783	22.078	ug/l	91
42) 1,2-Dichloroethane	6.086	62	35929	19.807	ug/l	99
43) Isopropyl Acetate	6.336	43	57778	20.736	ug/l	99
44) Trichloroethene	7.129	130	23247	18.747	ug/l	93
45) 1,2-Dichloropropane	7.428	63	24460	19.660	ug/l	94
46) Dibromomethane	7.586	93	17941	19.212	ug/l	98
47) Bromodichloromethane	7.818	83	31880	19.168	ug/l	97
48) Methyl methacrylate	7.690	41	28429	20.712	ug/l	88
49) 1,4-Dioxane	7.653	88	12471	418.114	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	207739	109.218	ug/l	98
52) Toluene	8.720	92	56491	19.234	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	33029	19.147	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	35863	19.483	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	24883	20.468	ug/l	100
56) Ethyl methacrylate	9.116	69	37390	21.061	ug/l	96
57) 1,3-Dichloropropane	9.305	76	40153	20.052	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	94303	105.635	ug/l	97
59) 2-Hexanone	9.427	43	164234	108.295	ug/l	99
60) Dibromochloromethane	9.519	129	23376	19.136	ug/l	98
61) 1,2-Dibromoethane	9.610	107	25677	19.536	ug/l	97
64) Tetrachloroethene	9.275	164	19205	18.788	ug/l	96
65) Chlorobenzene	10.079	112	61154	18.833	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	21015	19.163	ug/l	98
67) Ethyl Benzene	10.195	91	113032	19.401	ug/l	98
68) m/p-Xylenes	10.299	106	83387	38.044	ug/l	98
69) o-Xylene	10.640	106	39686	19.088	ug/l	95
70) Styrene	10.653	104	67269	19.197	ug/l	100
71) Bromoform	10.799	173	16163	19.143	ug/l #	99
73) Isopropylbenzene	10.963	105	106498	19.097	ug/l	99
74) N-amyl acetate	10.842	43	49595	19.425	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	39799	18.982	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	33181m	20.063	ug/l	
77) Bromobenzene	11.195	156	25407	19.750	ug/l	95
78) n-propylbenzene	11.305	91	130965	19.084	ug/l	100
79) 2-Chlorotoluene	11.366	91	75791	18.345	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	91309	19.047	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9021	18.970	ug/l	96
82) 4-Chlorotoluene	11.451	91	91781	19.356	ug/l	100
83) tert-Butylbenzene	11.713	119	86817	18.925	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	92544	19.346	ug/l	99
85) sec-Butylbenzene	11.890	105	114552	18.848	ug/l	99
86) p-Isopropyltoluene	12.006	119	92649	18.669	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	50379	19.413	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	49774	18.737	ug/l	97
89) n-Butylbenzene	12.335	91	88833	18.442	ug/l	97
90) Hexachloroethane	12.536	117	14176	18.471	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	47662	19.048	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8516	17.918	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	29365	18.774	ug/l	98
94) Hexachlorobutadiene	13.725	225	11656	18.918	ug/l	99
95) Naphthalene	13.774	128	101592	19.123	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	29663	19.180	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
Data File : VX040078.D
Acq On : 02 Feb 2024 11:49
Operator : JC/MD
Sample : VX0202WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0202WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024

Quant Time: Feb 03 02:12:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:44:39 2024
Response via : Initial Calibration

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

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

