

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021925\
 Data File : VX045000.D
 Acq On : 19 Feb 2025 12:33
 Operator : JC/MD
 Sample : VX0219WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/20/2025
 Supervised By : Mahesh Dadoda 02/20/2025

Quant Time: Feb 20 02:36:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	105516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	185429	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	163023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	78956	51.119	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.240%			
35) Dibromofluoromethane	5.373	113	62920	52.190	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.380%			
50) Toluene-d8	8.641	98	233277	51.170	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.340%			
62) 4-Bromofluorobenzene	11.079	95	79926	52.005	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26122	17.651	ug/l	100
3) Chloromethane	1.294	50	29620	16.445	ug/l	97
4) Vinyl Chloride	1.374	62	28176	16.147	ug/l	99
5) Bromomethane	1.599	94	10381	19.881	ug/l	98
6) Chloroethane	1.678	64	23367m	32.471	ug/l	
7) Trichlorofluoromethane	1.880	101	39920	18.090	ug/l	100
8) Diethyl Ether	2.130	74	15255	19.062	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	24877	18.659	ug/l	98
10) Methyl Iodide	2.447	142	26498	15.335	ug/l	96
11) Tert butyl alcohol	2.959	59	25385	88.591	ug/l	100
12) 1,1-Dichloroethene	2.312	96	23397	17.203	ug/l	95
13) Acrolein	2.233	56	27482	92.958	ug/l	100
14) Allyl chloride	2.660	41	43187	17.571	ug/l	96
15) Acrylonitrile	3.056	53	71152	93.002	ug/l	99
16) Acetone	2.373	43	58997	95.014	ug/l	94
17) Carbon Disulfide	2.508	76	57488	15.415	ug/l	99
18) Methyl Acetate	2.696	43	37576	19.177	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	77198	17.840	ug/l	95
20) Methylene Chloride	2.782	84	27319	17.962	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	22937	17.136	ug/l	95
22) Diisopropyl ether	3.751	45	85707	18.431	ug/l #	82
23) Vinyl Acetate	3.715	43	343247	90.543	ug/l	99
24) 1,1-Dichloroethane	3.605	63	47212	18.145	ug/l	99
25) 2-Butanone	4.550	43	96115	95.326	ug/l	94
26) 2,2-Dichloropropane	4.464	77	34706	16.820	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	28894	17.971	ug/l	99
28) Bromochloromethane	4.891	49	25923	20.732	ug/l	99
29) Tetrahydrofuran	4.995	42	62071	92.710	ug/l	99
30) Chloroform	5.080	83	46276	18.340	ug/l	95
31) Cyclohexane	5.458	56	41916	17.475	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	38614	18.042	ug/l	99
36) 1,1-Dichloropropene	5.690	75	31725	18.240	ug/l	100
37) Ethyl Acetate	4.708	43	36251	18.738	ug/l	99
38) Carbon Tetrachloride	5.665	117	31844	18.683	ug/l	99
39) Methylcyclohexane	7.372	83	41482	18.447	ug/l	97
40) Benzene	6.031	78	100809	18.561	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021925\
 Data File : VX045000.D
 Acq On : 19 Feb 2025 12:33
 Operator : JC/MD
 Sample : VX0219WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBSD01

Quant Time: Feb 20 02:36:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/20/2025
 Supervised By : Mahesh Dadoda 02/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	20155	19.463	ug/l	96
42) 1,2-Dichloroethane	6.080	62	35201	20.336	ug/l	99
43) Isopropyl Acetate	6.336	43	58951	18.869	ug/l	98
44) Trichloroethene	7.116	130	23888	19.242	ug/l	100
45) 1,2-Dichloropropane	7.427	63	24291	17.977	ug/l	98
46) Dibromomethane	7.574	93	17932	19.136	ug/l	99
47) Bromodichloromethane	7.811	83	35612	19.627	ug/l	98
48) Methyl methacrylate	7.690	41	28737	19.508	ug/l	99
49) 1,4-Dioxane	7.659	88	13442	425.314	ug/l	98
51) 4-Methyl-2-Pentanone	8.567	43	193444	101.849	ug/l	96
52) Toluene	8.714	92	61370	18.973	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	32000	17.428	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	38065	18.594	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	24184	19.449	ug/l	99
56) Ethyl methacrylate	9.110	69	37065	18.456	ug/l	97
57) 1,3-Dichloropropane	9.305	76	42321	19.452	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	98854	100.249	ug/l	99
59) 2-Hexanone	9.427	43	141405	103.330	ug/l	96
60) Dibromochloromethane	9.518	129	25228	18.971	ug/l	99
61) 1,2-Dibromoethane	9.604	107	24652	19.561	ug/l	98
64) Tetrachloroethene	9.268	164	19102	18.580	ug/l	96
65) Chlorobenzene	10.073	112	66573	19.013	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	21406	18.993	ug/l	99
67) Ethyl Benzene	10.189	91	117053	18.944	ug/l	98
68) m/p-Xylenes	10.299	106	86921	38.134	ug/l	99
69) o-Xylene	10.640	106	42687	18.664	ug/l	99
70) Styrene	10.652	104	71933	19.521	ug/l	99
71) Bromoform	10.799	173	15876	18.875	ug/l #	98
73) Isopropylbenzene	10.957	105	112152	18.398	ug/l	100
74) N-amyl acetate	10.841	43	48697	17.654	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	38550	18.404	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30670m	18.272	ug/l	
77) Bromobenzene	11.195	156	26499	19.174	ug/l	95
78) n-propylbenzene	11.299	91	130267	18.514	ug/l	100
79) 2-Chlorotoluene	11.360	91	78420	18.135	ug/l	100
80) 1,3,5-Trimethylbenzene	11.445	105	92574	18.714	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	8998	13.790	ug/l	89
82) 4-Chlorotoluene	11.451	91	88214	18.439	ug/l	99
83) tert-Butylbenzene	11.713	119	92098	18.404	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	91759	18.794	ug/l	99
85) sec-Butylbenzene	11.884	105	117681	18.991	ug/l	100
86) p-Isopropyltoluene	12.006	119	93879	18.839	ug/l	98
87) 1,3-Dichlorobenzene	11.963	146	48296	19.003	ug/l	97
88) 1,4-Dichlorobenzene	12.036	146	48050	18.699	ug/l	98
89) n-Butylbenzene	12.329	91	84622	19.194	ug/l	98
90) Hexachloroethane	12.536	117	15193	16.282	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	48045	19.235	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7028	18.383	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	27899	18.459	ug/l	99
94) Hexachlorobutadiene	13.725	225	11663	19.438	ug/l	99
95) Naphthalene	13.774	128	101751	18.624	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	28780	18.897	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021925\
Data File : VX045000.D
Acq On : 19 Feb 2025 12:33
Operator : JC/MD
Sample : VX0219WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

Quant Time: Feb 20 02:36:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

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

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

