

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021925\
 Data File : VX044999.D
 Acq On : 19 Feb 2025 12:06
 Operator : JC/MD
 Sample : VX0219WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBS01

Manual Integrations
 APPROVED

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

Quant Time: Feb 20 02:35:23 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	5.550	168	108230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	197953	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	168480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	82958	52.363	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.720%			
35) Dibromofluoromethane	5.373	113	66432	51.617	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.240%			
50) Toluene-d8	8.647	98	242972	49.925	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.840%			
62) 4-Bromofluorobenzene	11.079	95	82350	50.192	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26011	17.135	ug/l	97
3) Chloromethane	1.294	50	29405	15.916	ug/l	99
4) Vinyl Chloride	1.374	62	28826	16.105	ug/l	97
5) Bromomethane	1.593	94	9817	18.329	ug/l	100
6) Chloroethane	1.672	64	21728	29.181	ug/l	91
7) Trichlorofluoromethane	1.880	101	40281	17.796	ug/l	97
8) Diethyl Ether	2.129	74	14844	18.083	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	24177	17.679	ug/l	99
10) Methyl Iodide	2.446	142	23687	13.364	ug/l	96
11) Tert butyl alcohol	2.971	59	22511	76.591	ug/l	99
12) 1,1-Dichloroethene	2.312	96	23821	17.076	ug/l	98
13) Acrolein	2.233	56	25294	83.411	ug/l	96
14) Allyl chloride	2.660	41	42128	16.710	ug/l	97
15) Acrylonitrile	3.062	53	66846	85.182	ug/l	97
16) Acetone	2.379	43	56868	89.289	ug/l	94
17) Carbon Disulfide	2.507	76	56420	14.749	ug/l	96
18) Methyl Acetate	2.703	43	36146	17.985	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	75357	16.978	ug/l	99
20) Methylene Chloride	2.788	84	26572	17.033	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	23182	16.884	ug/l	95
22) Diisopropyl ether	3.757	45	84350	17.685	ug/l	95
23) Vinyl Acetate	3.715	43	334014	85.898	ug/l	97
24) 1,1-Dichloroethane	3.605	63	46730	17.510	ug/l	97
25) 2-Butanone	4.550	43	91022	88.011	ug/l	91
26) 2,2-Dichloropropane	4.464	77	34503	16.302	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	28593	17.338	ug/l	98
28) Bromochloromethane	4.885	49	24932	19.439	ug/l	99
29) Tetrahydrofuran	5.001	42	59735	86.984	ug/l	98
30) Chloroform	5.086	83	47015	18.165	ug/l	98
31) Cyclohexane	5.458	56	41737	16.964	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	38946	17.741	ug/l	99
36) 1,1-Dichloropropene	5.690	75	31126	16.763	ug/l	100
37) Ethyl Acetate	4.702	43	34312	16.613	ug/l	98
38) Carbon Tetrachloride	5.665	117	32104	17.644	ug/l	98
39) Methylcyclohexane	7.372	83	40686	16.948	ug/l	99
40) Benzene	6.031	78	100130	17.269	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021925\
 Data File : VX044999.D
 Acq On : 19 Feb 2025 12:06
 Operator : JC/MD
 Sample : VX0219WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBS01

Manual Integrations
 APPROVED

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

Quant Time: Feb 20 02:35:23 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)
41) Methacrylonitrile	4.916	41	19580	17.712	ug/l	99
42) 1,2-Dichloroethane	6.080	62	35123	19.007	ug/l	100
43) Isopropyl Acetate	6.336	43	55948	16.775	ug/l	98
44) Trichloroethene	7.122	130	23043	17.387	ug/l	93
45) 1,2-Dichloropropane	7.427	63	25633	17.770	ug/l	99
46) Dibromomethane	7.574	93	17850	17.844	ug/l	97
47) Bromodichloromethane	7.817	83	35404	18.278	ug/l	95
48) Methyl methacrylate	7.689	41	27013	17.178	ug/l	99
49) 1,4-Dioxane	7.659	88	11576	343.099	ug/l	96
51) 4-Methyl-2-Pentanone	8.567	43	186123	91.795	ug/l	96
52) Toluene	8.714	92	61087	17.691	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	31514	16.077	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	37932	17.356	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	23754	17.895	ug/l	99
56) Ethyl methacrylate	9.116	69	35857	16.725	ug/l	97
57) 1,3-Dichloropropane	9.305	76	41849	18.018	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	88245	83.829	ug/l	100
59) 2-Hexanone	9.427	43	134195	91.857	ug/l	96
60) Dibromochloromethane	9.518	129	25149	17.715	ug/l	99
61) 1,2-Dibromoethane	9.610	107	22976	17.077	ug/l	100
64) Tetrachloroethene	9.268	164	19163	18.036	ug/l	95
65) Chlorobenzene	10.073	112	66743	18.444	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	20956	17.992	ug/l	99
67) Ethyl Benzene	10.189	91	114602	17.946	ug/l	100
68) m/p-Xylenes	10.299	106	86005	36.510	ug/l	98
69) o-Xylene	10.640	106	42774	18.096	ug/l	98
70) Styrene	10.652	104	70180	18.429	ug/l	99
71) Bromoform	10.799	173	15131	17.407	ug/l #	99
73) Isopropylbenzene	10.957	105	110068	17.748	ug/l	100
74) N-amyl acetate	10.841	43	47317	16.860	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	36798	17.267	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	29248m	17.127	ug/l	
77) Bromobenzene	11.195	156	25697	18.276	ug/l	97
78) n-propylbenzene	11.299	91	129177	18.046	ug/l	100
79) 2-Chlorotoluene	11.360	91	78368	17.813	ug/l	98
80) 1,3,5-Trimethylbenzene	11.445	105	91771	18.235	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8239	12.411	ug/l	87
82) 4-Chlorotoluene	11.451	91	87455	17.968	ug/l	100
83) tert-Butylbenzene	11.713	119	91738	18.018	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	91351	18.391	ug/l	100
85) sec-Butylbenzene	11.890	105	116480	18.475	ug/l	99
86) p-Isopropyltoluene	12.006	119	93192	18.381	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	46375	17.936	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	47780	18.276	ug/l	99
89) n-Butylbenzene	12.329	91	82080	18.299	ug/l	98
90) Hexachloroethane	12.536	117	14816	15.607	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	47522	18.701	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6669	17.146	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	27532	17.905	ug/l	98
94) Hexachlorobutadiene	13.719	225	11251	18.431	ug/l	98
95) Naphthalene	13.774	128	99717	17.939	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	27924	18.022	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021925\
Data File : VX044999.D
Acq On : 19 Feb 2025 12:06
Operator : JC/MD
Sample : VX0219WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Manual Integrations
APPROVED

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

Quant Time: Feb 20 02:35:23 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

Manual Integrations APPROVED

Quant Time: Feb 20 02:35:23 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

