

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031725\
 Data File : VX045302.D
 Acq On : 17 Mar 2025 13:50
 Operator : JC/MD
 Sample : VX0317WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2025
 Supervised By : Mahesh Dadoda 03/18/2025

Quant Time: Mar 18 01:25:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	97711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	175105	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	156081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84551	54.400	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.800%			
35) Dibromofluoromethane	5.379	113	61295	52.349	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.700%			
50) Toluene-d8	8.647	98	217563	51.253	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.500%			
62) 4-Bromofluorobenzene	11.079	95	76299	54.243	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22219	18.065	ug/l	94
3) Chloromethane	1.307	50	25088	16.668	ug/l	100
4) Vinyl Chloride	1.374	62	23517	15.750	ug/l	93
5) Bromomethane	1.593	94	11295	19.242	ug/l	95
6) Chloroethane	1.666	64	13284	19.287	ug/l	92
7) Trichlorofluoromethane	1.873	101	36183	18.305	ug/l	99
8) Diethyl Ether	2.130	74	14116	18.257	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	24198	21.308	ug/l	99
10) Methyl Iodide	2.440	142	26990	19.018	ug/l	99
11) Tert butyl alcohol	2.977	59	27854	94.614	ug/l	97
12) 1,1-Dichloroethene	2.306	96	22691	18.899	ug/l	98
13) Acrolein	2.233	56	9315	27.372	ug/l	99
14) Allyl chloride	2.654	41	43415	20.314	ug/l	97
15) Acrylonitrile	3.062	53	85635	108.534	ug/l	99
16) Acetone	2.386	43	74479	103.283	ug/l	97
17) Carbon Disulfide	2.501	76	48762	15.248	ug/l	99
18) Methyl Acetate	2.703	43	46975	27.078	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	88819	22.049	ug/l	98
20) Methylene Chloride	2.782	84	28678	20.076	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	22824	19.242	ug/l	98
22) Diisopropyl ether	3.763	45	92754	21.339	ug/l	92
23) Vinyl Acetate	3.721	43	387669	106.876	ug/l	100
24) 1,1-Dichloroethane	3.605	63	49123	20.166	ug/l	99
25) 2-Butanone	4.562	43	119702	110.278	ug/l	98
26) 2,2-Dichloropropane	4.465	77	29636	25.937	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	29561	20.188	ug/l	95
28) Bromochloromethane	4.891	49	26263	22.619	ug/l	99
29) Tetrahydrofuran	5.001	42	75099	103.025	ug/l	97
30) Chloroform	5.086	83	50191	20.736	ug/l	99
31) Cyclohexane	5.458	56	41727	19.733	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	38703	19.798	ug/l	98
36) 1,1-Dichloropropene	5.690	75	31107	19.372	ug/l	100
37) Ethyl Acetate	4.721	43	43070	20.816	ug/l	99
38) Carbon Tetrachloride	5.672	117	32221	19.765	ug/l	96
39) Methylcyclohexane	7.379	83	39543	20.552	ug/l	99
40) Benzene	6.031	78	102532	20.221	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031725\
 Data File : VX045302.D
 Acq On : 17 Mar 2025 13:50
 Operator : JC/MD
 Sample : VX0317WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2025
 Supervised By : Mahesh Dadoda 03/18/2025

Quant Time: Mar 18 01:25:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	25165	22.493	ug/l	98
42) 1,2-Dichloroethane	6.080	62	41210	22.569	ug/l	97
43) Isopropyl Acetate	6.342	43	67534	22.073	ug/l	100
44) Trichloroethene	7.123	130	23189	19.476	ug/l	98
45) 1,2-Dichloropropane	7.427	63	27531	21.118	ug/l	98
46) Dibromomethane	7.580	93	20234	21.958	ug/l	99
47) Bromodichloromethane	7.818	83	37947	20.995	ug/l	98
48) Methyl methacrylate	7.690	41	34877	22.721	ug/l	96
49) 1,4-Dioxane	7.659	88	12759	394.054	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	234113	113.959	ug/l	99
52) Toluene	8.714	92	63017	21.182	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	32304	21.379	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	37744	21.421	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	26786	21.871	ug/l	97
56) Ethyl methacrylate	9.116	69	42346	22.746	ug/l	97
57) 1,3-Dichloropropane	9.305	76	46890	22.123	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	110336	121.496	ug/l	99
59) 2-Hexanone	9.427	43	169384	113.797	ug/l	100
60) Dibromochloromethane	9.518	129	27354	21.361	ug/l	99
61) 1,2-Dibromoethane	9.604	107	26496	21.671	ug/l	100
64) Tetrachloroethene	9.268	164	19635	19.642	ug/l	99
65) Chlorobenzene	10.079	112	68214	20.654	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	21921	19.931	ug/l	99
67) Ethyl Benzene	10.189	91	119132	20.702	ug/l	99
68) m/p-Xylenes	10.299	106	88506	42.013	ug/l	99
69) o-Xylene	10.640	106	44438	20.915	ug/l	99
70) Styrene	10.652	104	71843	20.898	ug/l	99
71) Bromoform	10.799	173	16897	20.373	ug/l #	96
73) Isopropylbenzene	10.963	105	115068	21.566	ug/l	99
74) N-amyl acetate	10.841	43	54753	21.869	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	42615	21.765	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	33822m	21.258	ug/l	
77) Bromobenzene	11.195	156	26076	20.713	ug/l	98
78) n-propylbenzene	11.305	91	129769	21.530	ug/l	98
79) 2-Chlorotoluene	11.360	91	80543	20.983	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	92870	21.526	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	9223	19.838	ug/l	85
82) 4-Chlorotoluene	11.451	91	88602	21.179	ug/l	100
83) tert-Butylbenzene	11.713	119	92540	20.876	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	92258	21.253	ug/l	99
85) sec-Butylbenzene	11.890	105	116845	22.005	ug/l	99
86) p-Isopropyltoluene	12.006	119	94140	21.938	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	46538	20.722	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	47113	20.736	ug/l	98
89) n-Butylbenzene	12.329	91	79403	21.484	ug/l	99
90) Hexachloroethane	12.536	117	14693	18.930	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	48287	21.434	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7973	20.902	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	26211	20.433	ug/l	100
94) Hexachlorobutadiene	13.725	225	10578	20.113	ug/l	99
95) Naphthalene	13.774	128	104784	21.260	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	27819	20.557	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031725\
Data File : VX045302.D
Acq On : 17 Mar 2025 13:50
Operator : JC/MD
Sample : VX0317WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

Quant Time: Mar 18 01:25:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031725\
Data File : VX045302.D
Acq On : 17 Mar 2025 13:50
Operator : JC/MD
Sample : VX0317WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBSD01

Quant Time: Mar 18 01:25:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

