

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
 Data File : VX045312.D
 Acq On : 18 Mar 2025 10:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/19/2025
 Supervised By : Mahesh Dadoda 03/19/2025

Quant Time: Mar 19 01:38:06 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	99818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	175808	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	151375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	81784	51.509	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.020%			
35) Dibromofluoromethane	5.379	113	61666	52.456	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.920%			
50) Toluene-d8	8.647	98	213078	49.996	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.000%			
62) 4-Bromofluorobenzene	11.079	95	77049	54.557	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.120%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	60222	47.929	ug/l	97
3) Chloromethane	1.300	50	69904	45.462	ug/l	100
4) Vinyl Chloride	1.374	62	62913	41.244	ug/l	97
5) Bromomethane	1.593	94	27332	45.580	ug/l	99
6) Chloroethane	1.660	64	31612	44.930	ug/l	100
7) Trichlorofluoromethane	1.867	101	93429	46.268	ug/l	96
8) Diethyl Ether	2.130	74	33560	42.490	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.312	101	62031	53.469	ug/l	98
10) Methyl Iodide	2.441	142	74553	51.423	ug/l	97
11) Tert butyl alcohol	2.983	59	58920	195.913	ug/l	99
12) 1,1-Dichloroethene	2.306	96	58098	47.367	ug/l	99
13) Acrolein	2.233	56	81811	235.324	ug/l	100
14) Allyl chloride	2.654	41	108834	49.848	ug/l	95
15) Acrylonitrile	3.062	53	193713	240.329	ug/l	99
16) Acetone	2.386	43	170062	230.853	ug/l	98
17) Carbon Disulfide	2.501	76	130150	39.839	ug/l	98
18) Methyl Acetate	2.703	43	104537	58.988	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	204467	49.687	ug/l	99
20) Methylene Chloride	2.782	84	67795	46.459	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	57461	47.420	ug/l	95
22) Diisopropyl ether	3.757	45	222471	50.102	ug/l	93
23) Vinyl Acetate	3.715	43	925572	249.784	ug/l	99
24) 1,1-Dichloroethane	3.599	63	121571	48.853	ug/l	99
25) 2-Butanone	4.556	43	267999	241.687	ug/l	100
26) 2,2-Dichloropropane	4.465	77	84755	72.611	ug/l	95
27) cis-1,2-Dichloroethene	4.477	96	72736	48.625	ug/l	93
28) Bromochloromethane	4.885	49	59956	50.547	ug/l	98
29) Tetrahydrofuran	5.001	42	169735	227.936	ug/l	100
30) Chloroform	5.080	83	121902	49.301	ug/l	97
31) Cyclohexane	5.458	56	101352	46.918	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	99429	49.788	ug/l	97
36) 1,1-Dichloropropene	5.684	75	79034	49.023	ug/l	99
37) Ethyl Acetate	4.708	43	99330	47.814	ug/l	99
38) Carbon Tetrachloride	5.666	117	82850	50.618	ug/l	98
39) Methylcyclohexane	7.373	83	99912	51.720	ug/l	99
40) Benzene	6.025	78	248464	48.805	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
 Data File : VX045312.D
 Acq On : 18 Mar 2025 10:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/19/2025
 Supervised By : Mahesh Dadoda 03/19/2025

Quant Time: Mar 19 01:38:06 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	57809	51.464	ug/l	98
42) 1,2-Dichloroethane	6.080	62	95767	52.239	ug/l	98
43) Isopropyl Acetate	6.336	43	158682	51.656	ug/l	99
44) Trichloroethene	7.117	130	57829	48.376	ug/l	98
45) 1,2-Dichloropropane	7.427	63	64231	49.071	ug/l	100
46) Dibromomethane	7.574	93	47670	51.526	ug/l	97
47) Bromodichloromethane	7.818	83	94385	52.012	ug/l	99
48) Methyl methacrylate	7.690	41	81849	53.109	ug/l	95
49) 1,4-Dioxane	7.659	88	29493	907.231	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	535545	259.644	ug/l	100
52) Toluene	8.714	92	150886	50.515	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	84146	55.465	ug/l	96
54) cis-1,3-Dichloropropene	8.360	75	95867	54.190	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	61925	50.360	ug/l	97
56) Ethyl methacrylate	9.116	69	100306	53.664	ug/l	96
57) 1,3-Dichloropropane	9.305	76	106823	50.198	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	265011	290.649	ug/l	98
59) 2-Hexanone	9.427	43	394266	263.820	ug/l	99
60) Dibromochloromethane	9.518	129	68198	53.043	ug/l	99
61) 1,2-Dibromoethane	9.604	107	61888	50.415	ug/l	98
64) Tetrachloroethene	9.269	164	49539	51.098	ug/l	94
65) Chlorobenzene	10.073	112	162786	50.822	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	54990	51.552	ug/l	98
67) Ethyl Benzene	10.189	91	288783	51.743	ug/l	100
68) m/p-Xylenes	10.299	106	212826	104.167	ug/l	98
69) o-Xylene	10.640	106	105690	51.291	ug/l	99
70) Styrene	10.652	104	180599	54.166	ug/l	99
71) Bromoform	10.799	173	43504	54.084	ug/l #	99
73) Isopropylbenzene	10.957	105	278606	50.023	ug/l	98
74) N-amyl acetate	10.841	43	139101	53.226	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	99756	48.809	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	81471m	49.055	ug/l	
77) Bromobenzene	11.195	156	64588	49.150	ug/l	98
78) n-propylbenzene	11.299	91	329285	52.338	ug/l	98
79) 2-Chlorotoluene	11.360	91	197543	49.301	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	229603	50.984	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	26079	53.737	ug/l	92
82) 4-Chlorotoluene	11.451	91	226650	51.902	ug/l	100
83) tert-Butylbenzene	11.713	119	232507	50.249	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	234292	51.705	ug/l	99
85) sec-Butylbenzene	11.890	105	295168	53.254	ug/l	100
86) p-Isopropyltoluene	12.006	119	243748	54.417	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	120314	51.323	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	118289	49.875	ug/l	99
89) n-Butylbenzene	12.329	91	223520	57.938	ug/l	99
90) Hexachloroethane	12.536	117	41142	50.780	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	119524	50.826	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20953	52.623	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	73192	54.660	ug/l	100
94) Hexachlorobutadiene	13.725	225	30372	55.325	ug/l	99
95) Naphthalene	13.774	128	268238	52.139	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	74839	52.979	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045312.D
Acq On : 18 Mar 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Quant Time: Mar 19 01:38:06 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

Manual Integrations APPROVED

Quant Time: Mar 19 01:38:06 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

