

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
 Data File : VX046255.D
 Acq On : 19 May 2025 10:05
 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 05/21/2025
 Supervised By : Mahesh Dadoda 05/21/2025

Quant Time: May 19 23:05:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	97192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	163845	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	142712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	87750	48.428	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.860%			
35) Dibromofluoromethane	5.379	113	62751	53.185	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.380%			
50) Toluene-d8	8.641	98	205467	50.315	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.620%			
62) 4-Bromofluorobenzene	11.079	95	80710	51.525	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	77853	52.335	ug/l	100
3) Chloromethane	1.301	50	72198	50.048	ug/l	96
4) Vinyl Chloride	1.374	62	65451	48.749	ug/l	98
5) Bromomethane	1.593	94	28871	46.363	ug/l	96
6) Chloroethane	1.666	64	36632	51.109	ug/l	93
7) Trichlorofluoromethane	1.874	101	102085	51.448	ug/l	97
8) Diethyl Ether	2.130	74	32915	48.729	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	62772	51.119	ug/l	99
10) Methyl Iodide	2.441	142	65860	45.327	ug/l	99
11) Tert butyl alcohol	2.977	59	62364	245.194	ug/l	100
12) 1,1-Dichloroethene	2.306	96	55656	48.293	ug/l	98
13) Acrolein	2.233	56	92840	320.514	ug/l	99
14) Allyl chloride	2.654	41	114233	51.864	ug/l	98
15) Acrylonitrile	3.062	53	189093	259.998	ug/l	98
16) Acetone	2.380	43	181372	249.646	ug/l	100
17) Carbon Disulfide	2.502	76	130127	47.627	ug/l	100
18) Methyl Acetate	2.703	43	96692	57.353	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	208892	51.700	ug/l	99
20) Methylene Chloride	2.782	84	65150	46.795	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	56851	49.053	ug/l	99
22) Diisopropyl ether	3.757	45	220467	51.819	ug/l	95
23) Vinyl Acetate	3.715	43	960660	256.722	ug/l	100
24) 1,1-Dichloroethane	3.599	63	119876	50.587	ug/l	98
25) 2-Butanone	4.550	43	267145	253.279	ug/l	100
26) 2,2-Dichloropropane	4.465	77	97036	52.317	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	67956	48.707	ug/l	98
28) Bromochloromethane	4.891	49	55621	48.763	ug/l	99
29) Tetrahydrofuran	4.995	42	167256	253.062	ug/l	98
30) Chloroform	5.080	83	125854	50.954	ug/l	96
31) Cyclohexane	5.458	56	101388	46.952	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	110084	51.415	ug/l	100
36) 1,1-Dichloropropene	5.684	75	78170	49.311	ug/l	97
37) Ethyl Acetate	4.708	43	99787	50.949	ug/l	99
38) Carbon Tetrachloride	5.666	117	94579	53.099	ug/l	98
39) Methylcyclohexane	7.373	83	98620	48.322	ug/l	97
40) Benzene	6.025	78	238301	51.321	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
 Data File : VX046255.D
 Acq On : 19 May 2025 10:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 19 23:05:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/21/2025
 Supervised By : Mahesh Dadoda 05/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	57196	55.825	ug/l	98
42) 1,2-Dichloroethane	6.080	62	102281	51.038	ug/l	100
43) Isopropyl Acetate	6.336	43	158764	53.135	ug/l	99
44) Trichloroethene	7.117	130	57119	51.110	ug/l	98
45) 1,2-Dichloropropane	7.421	63	62232	53.899	ug/l	100
46) Dibromomethane	7.574	93	46193	50.726	ug/l	98
47) Bromodichloromethane	7.812	83	98944	55.166	ug/l	98
48) Methyl methacrylate	7.684	41	83134	54.480	ug/l	99
49) 1,4-Dioxane	7.659	88	28914	997.932	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	532634	268.553	ug/l	100
52) Toluene	8.714	92	145397	51.066	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	87979	55.186	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	96528	54.783	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	59460	52.963	ug/l	96
56) Ethyl methacrylate	9.110	69	98149	54.853	ug/l	98
57) 1,3-Dichloropropane	9.305	76	102717	50.945	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	246924	270.687	ug/l	100
59) 2-Hexanone	9.427	43	392889	267.754	ug/l	100
60) Dibromochloromethane	9.519	129	70302	57.019	ug/l	99
61) 1,2-Dibromoethane	9.604	107	61232	52.476	ug/l	97
64) Tetrachloroethene	9.269	164	50976	50.484	ug/l	98
65) Chlorobenzene	10.073	112	158879	50.864	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	57442	53.854	ug/l	100
67) Ethyl Benzene	10.189	91	288514	52.399	ug/l	99
68) m/p-Xylenes	10.299	106	212192	105.368	ug/l	99
69) o-Xylene	10.640	106	102943	52.434	ug/l	96
70) Styrene	10.653	104	180462	56.113	ug/l	99
71) Bromoform	10.799	173	45893	57.309	ug/l #	97
73) Isopropylbenzene	10.957	105	281669	51.487	ug/l	99
74) N-amyl acetate	10.842	43	137605	50.902	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	93098	48.561	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	83305m	49.251	ug/l	
77) Bromobenzene	11.195	156	64940	51.130	ug/l	97
78) n-propylbenzene	11.299	91	332490	52.270	ug/l	100
79) 2-Chlorotoluene	11.360	91	204053	49.734	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	238771	52.243	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	27314	52.574	ug/l	97
82) 4-Chlorotoluene	11.451	91	239800	52.703	ug/l	99
83) tert-Butylbenzene	11.713	119	236790	51.435	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	241446	52.167	ug/l	99
85) sec-Butylbenzene	11.890	105	297240	52.585	ug/l	100
86) p-Isopropyltoluene	12.006	119	248673	53.297	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	117789	50.815	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	119045	50.288	ug/l	99
89) n-Butylbenzene	12.329	91	224545	54.865	ug/l	100
90) Hexachloroethane	12.536	117	44103	53.653	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	118255	50.839	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22414	52.775	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	69267	51.847	ug/l	99
94) Hexachlorobutadiene	13.725	225	30637	52.507	ug/l	97
95) Naphthalene	13.774	128	242964	49.585	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	70028	50.799	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046255.D
Acq On : 19 May 2025 10:05
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 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

Quant Time: May 19 23:05:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

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

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

