

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040725\
 Data File : VX045614.D
 Acq On : 07 Apr 2025 09:17
 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 04/08/2025
 Supervised By : Mahesh Dadoda 04/08/2025

Quant Time: Apr 08 01:33:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	104243	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	177492	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	157116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	94254	49.443	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.880%		
35) Dibromofluoromethane	5.379	113	64970	51.592	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.180%		
50) Toluene-d8	8.641	98	222665	50.658	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.320%		
62) 4-Bromofluorobenzene	11.079	95	85194	53.211	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	106.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	86584	55.540	ug/l	100
3) Chloromethane	1.307	50	79882	49.877	ug/l	99
4) Vinyl Chloride	1.374	62	73660	50.256	ug/l	99
5) Bromomethane	1.593	94	32649	46.980	ug/l	99
6) Chloroethane	1.660	64	39253	50.478	ug/l	98
7) Trichlorofluoromethane	1.867	101	111225	50.889	ug/l	100
8) Diethyl Ether	2.130	74	36037	49.111	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	66695	52.076	ug/l	98
10) Methyl Iodide	2.441	142	79791	49.948	ug/l	97
11) Tert butyl alcohol	2.977	59	64541	251.921	ug/l	99
12) 1,1-Dichloroethene	2.306	96	61015	48.756	ug/l	99
13) Acrolein	2.233	56	58537	165.921	ug/l	99
14) Allyl chloride	2.654	41	118904	50.076	ug/l	99
15) Acrylonitrile	3.062	53	196504	242.982	ug/l	99
16) Acetone	2.380	43	235381	300.693	ug/l	98
17) Carbon Disulfide	2.502	76	153475	49.655	ug/l	100
18) Methyl Acetate	2.703	43	90670	50.309	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	216183	49.382	ug/l	99
20) Methylene Chloride	2.782	84	69933	47.720	ug/l	95
21) trans-1,2-Dichloroethene	3.081	96	61608	48.187	ug/l	97
22) Diisopropyl ether	3.757	45	226624	48.452	ug/l	99
23) Vinyl Acetate	3.715	43	1018875	252.123	ug/l	99
24) 1,1-Dichloroethane	3.599	63	126177	47.700	ug/l	100
25) 2-Butanone	4.550	43	301049	262.730	ug/l	98
26) 2,2-Dichloropropane	4.458	77	98828	57.826	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	73761	47.355	ug/l	97
28) Bromochloromethane	4.885	49	59900	46.860	ug/l	97
29) Tetrahydrofuran	4.995	42	175733	236.552	ug/l	99
30) Chloroform	5.080	83	131279	48.232	ug/l	99
31) Cyclohexane	5.458	56	112556	48.132	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	113722	49.377	ug/l	99
36) 1,1-Dichloropropene	5.678	75	85301	50.168	ug/l	98
37) Ethyl Acetate	4.708	43	106911	49.894	ug/l	99
38) Carbon Tetrachloride	5.666	117	95420	51.926	ug/l	99
39) Methylcyclohexane	7.373	83	111471	53.483	ug/l	98
40) Benzene	6.025	78	254875	49.081	ug/l	98

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41) Methacrylonitrile	4.910	41	59241	52.399	ug/l	99
42) 1,2-Dichloroethane	6.080	62	107343	50.048	ug/l	100
43) Isopropyl Acetate	6.330	43	166101	51.145	ug/l	99
44) Trichloroethene	7.117	130	61500	49.827	ug/l	98
45) 1,2-Dichloropropane	7.421	63	64374	49.683	ug/l	99
46) Dibromomethane	7.574	93	49916	50.186	ug/l	98
47) Bromodichloromethane	7.812	83	103188	51.949	ug/l	98
48) Methyl methacrylate	7.690	41	87167	51.984	ug/l	99
49) 1,4-Dioxane	7.653	88	33084	1090.518	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	554818	257.706	ug/l	100
52) Toluene	8.714	92	156451	49.789	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	92990	48.743	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	102648	54.992	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	62014	49.526	ug/l	97
56) Ethyl methacrylate	9.116	69	102307	52.794	ug/l	99
57) 1,3-Dichloropropane	9.305	76	109205	50.084	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	259683	264.902	ug/l	100
59) 2-Hexanone	9.427	43	413888	259.607	ug/l	99
60) Dibromochloromethane	9.519	129	72717	53.270	ug/l	99
61) 1,2-Dibromoethane	9.604	107	64982	51.266	ug/l	99
64) Tetrachloroethene	9.269	164	56640	51.060	ug/l	98
65) Chlorobenzene	10.073	112	167704	49.952	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	58489	50.179	ug/l	100
67) Ethyl Benzene	10.189	91	306928	51.044	ug/l	99
68) m/p-Xylenes	10.299	106	225755	103.227	ug/l	100
69) o-Xylene	10.640	106	110931	51.491	ug/l	100
70) Styrene	10.653	104	188342	52.968	ug/l	100
71) Bromoform	10.799	173	46614	53.560	ug/l #	97
73) Isopropylbenzene	10.957	105	297453	50.459	ug/l	100
74) N-amyl acetate	10.841	43	141548	50.197	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	94897	45.826	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	84561m	47.106	ug/l	
77) Bromobenzene	11.195	156	67447	49.519	ug/l	99
78) n-propylbenzene	11.299	91	352421	51.903	ug/l	100
79) 2-Chlorotoluene	11.360	91	214755	49.474	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	251615	51.617	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	27832	52.619	ug/l	100
82) 4-Chlorotoluene	11.451	91	245372	50.699	ug/l	99
83) tert-Butylbenzene	11.713	119	244934	50.753	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	253240	51.760	ug/l	100
85) sec-Butylbenzene	11.890	105	313700	52.923	ug/l	100
86) p-Isopropyltoluene	12.006	119	258241	52.844	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	123697	49.891	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	121216	48.225	ug/l	98
89) n-Butylbenzene	12.329	91	237301	55.998	ug/l	99
90) Hexachloroethane	12.536	117	45082	53.679	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	121280	49.201	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22906	52.891	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	72928	53.151	ug/l	97
94) Hexachlorobutadiene	13.719	225	32018	54.153	ug/l	97
95) Naphthalene	13.774	128	258746	50.674	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	74671	51.972	ug/l	98

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

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