

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050825\
 Data File : VX046078.D
 Acq On : 08 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 09 01:54:33 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 05/09/2025
 Supervised By : Mahesh Dadoda 05/09/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	105825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	181991	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	158314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73554	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	87330	44.264	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.520%
35) Dibromofluoromethane	5.373	113	60469	46.141	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.280%
50) Toluene-d8	8.641	98	209081	46.095	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.180%
62) 4-Bromofluorobenzene	11.079	95	77895	44.770	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	83116	51.315	ug/l	98
3) Chloromethane	1.307	50	74806	47.625	ug/l	99
4) Vinyl Chloride	1.374	62	67994	46.512	ug/l	99
5) Bromomethane	1.593	94	29775	43.914	ug/l	92
6) Chloroethane	1.666	64	37272	47.760	ug/l	96
7) Trichlorofluoromethane	1.874	101	105506	48.834	ug/l	98
8) Diethyl Ether	2.130	74	33259	45.221	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	64604	48.319	ug/l	98
10) Methyl Iodide	2.441	142	74153	46.872	ug/l	98
11) Tert butyl alcohol	2.971	59	62270	224.852	ug/l	99
12) 1,1-Dichloroethene	2.313	96	58611	46.709	ug/l	99
13) Acrolein	2.233	56	54033	171.322	ug/l	99
14) Allyl chloride	2.654	41	115880	48.320	ug/l	99
15) Acrylonitrile	3.056	53	182115	229.976	ug/l	97
16) Acetone	2.380	43	186025	235.163	ug/l	100
17) Carbon Disulfide	2.502	76	138794	46.655	ug/l	98
18) Methyl Acetate	2.703	43	84794	46.193	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	208870	47.478	ug/l	99
20) Methylene Chloride	2.782	84	65321	43.091	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	59244	46.948	ug/l	99
22) Diisopropyl ether	3.757	45	219654	47.416	ug/l	94
23) Vinyl Acetate	3.715	43	967835	237.541	ug/l	99
24) 1,1-Dichloroethane	3.599	63	120908	46.860	ug/l	98
25) 2-Butanone	4.550	43	267660	233.066	ug/l	99
26) 2,2-Dichloropropane	4.465	77	95561	47.319	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	70250	46.243	ug/l	99
28) Bromochloromethane	4.891	49	61656	49.644	ug/l	99
29) Tetrahydrofuran	4.995	42	165473	229.940	ug/l	99
30) Chloroform	5.080	83	127233	47.310	ug/l	99
31) Cyclohexane	5.458	56	109556	46.596	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	109783	47.092	ug/l	99
36) 1,1-Dichloropropene	5.684	75	81796	46.453	ug/l	100
37) Ethyl Acetate	4.702	43	99719	45.837	ug/l	100
38) Carbon Tetrachloride	5.666	117	94525	47.778	ug/l	94
39) Methylcyclohexane	7.373	83	105443	46.514	ug/l	94
40) Benzene	6.025	78	241966	46.914	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	57552	50.572	ug/l	98
42) 1,2-Dichloroethane	6.074	62	102778	46.172	ug/l	99
43) Isopropyl Acetate	6.330	43	158841	47.860	ug/l	99
44) Trichloroethene	7.117	130	59087	47.599	ug/l	98
45) 1,2-Dichloropropane	7.421	63	61126	47.662	ug/l	98
46) Dibromomethane	7.574	93	46530	46.001	ug/l	99
47) Bromodichloromethane	7.818	83	96407	48.392	ug/l	99
48) Methyl methacrylate	7.690	41	81622	48.156	ug/l	99
49) 1,4-Dioxane	7.653	88	30726	954.733	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	521204	236.587	ug/l	99
52) Toluene	8.714	92	147100	46.513	ug/l	98
53) t-1,3-Dichloropropene	8.970	75	86965	49.111	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	96359	49.234	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	58084	46.578	ug/l	97
56) Ethyl methacrylate	9.110	69	96373	48.490	ug/l	99
57) 1,3-Dichloropropane	9.305	76	102289	45.674	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	198555	195.960	ug/l	100
59) 2-Hexanone	9.427	43	384624	235.986	ug/l	100
60) Dibromochloromethane	9.519	129	67444	49.247	ug/l	100
61) 1,2-Dibromoethane	9.604	107	59787	46.129	ug/l	97
64) Tetrachloroethene	9.269	164	54223	48.407	ug/l	97
65) Chlorobenzene	10.073	112	156475	45.157	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	55173	46.629	ug/l	98
67) Ethyl Benzene	10.189	91	290265	47.522	ug/l	99
68) m/p-Xylenes	10.299	106	210404	94.184	ug/l	98
69) o-Xylene	10.640	106	102240	46.944	ug/l	96
70) Styrene	10.653	104	174009	48.774	ug/l	99
71) Bromoform	10.799	173	43259	48.696	ug/l #	98
73) Isopropylbenzene	10.957	105	277319	48.428	ug/l	100
74) N-amyl acetate	10.842	43	135534	47.898	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	88732	44.217	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	80257m	45.331	ug/l	
77) Bromobenzene	11.195	156	62702	47.164	ug/l	97
78) n-propylbenzene	11.299	91	325019	48.814	ug/l	100
79) 2-Chlorotoluene	11.360	91	198350	46.185	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	233158	48.737	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.012	75	25533	46.952	ug/l	99
82) 4-Chlorotoluene	11.451	91	227761	47.823	ug/l	99
83) tert-Butylbenzene	11.713	119	228755	47.471	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	235628	48.637	ug/l	100
85) sec-Butylbenzene	11.890	105	289872	48.992	ug/l	100
86) p-Isopropyltoluene	12.006	119	241375	49.423	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	115894	47.766	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	114313	46.133	ug/l	99
89) n-Butylbenzene	12.329	91	217191	50.699	ug/l	99
90) Hexachloroethane	12.536	117	41883	48.677	ug/l	100
91) 1,2-Dichlorobenzene	12.329	146	113569	46.645	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21306	47.926	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	68569	49.033	ug/l	99
94) Hexachlorobutadiene	13.719	225	29643	48.535	ug/l	97
95) Naphthalene	13.774	128	239114	46.620	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	68552	47.508	ug/l	100

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

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