

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
 Data File : VX046756.D
 Acq On : 18 Jun 2025 20:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 19 01:31:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/19/2025
 Supervised By : Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	147171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	245322	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	108993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102581	50.393	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.780%			
35) Dibromofluoromethane	5.397	113	84461	52.036	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.080%			
50) Toluene-d8	8.653	98	302526	51.878	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.760%			
62) 4-Bromofluorobenzene	11.079	95	114717	52.773	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	72915	46.406	ug/l	100
3) Chloromethane	1.307	50	80256	47.322	ug/l	99
4) Vinyl Chloride	1.386	62	84851	46.917	ug/l	95
5) Bromomethane	1.624	94	52119	51.222	ug/l	94
6) Chloroethane	1.703	64	51222	46.730	ug/l	96
7) Trichlorofluoromethane	1.904	101	126840	46.190	ug/l	99
8) Diethyl Ether	2.148	74	44591	47.316	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.349	101	75822	45.008	ug/l	98
10) Methyl Iodide	2.471	142	93925	45.013	ug/l	99
11) Tert butyl alcohol	2.959	59	31066	170.030	ug/l	99
12) 1,1-Dichloroethene	2.337	96	76120	46.826	ug/l	97
13) Acrolein	2.245	56	44323	166.547	ug/l	99
14) Allyl chloride	2.678	41	132100	44.851	ug/l	98
15) Acrylonitrile	3.068	53	175968	214.185	ug/l	99
16) Acetone	2.386	43	129697	191.058	ug/l	100
17) Carbon Disulfide	2.526	76	210930	42.969	ug/l	98
18) Methyl Acetate	2.715	43	79308	45.999	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	222251	43.909	ug/l	99
20) Methylene Chloride	2.806	84	84354	44.683	ug/l	96
21) trans-1,2-Dichloroethene	3.105	96	79262	45.569	ug/l	99
22) Diisopropyl ether	3.770	45	267893	47.321	ug/l	99
23) Vinyl Acetate	3.733	43	1024877	227.659	ug/l	100
24) 1,1-Dichloroethane	3.623	63	147938	46.026	ug/l	99
25) 2-Butanone	4.562	43	197094	205.290	ug/l	96
26) 2,2-Dichloropropane	4.489	77	92807	39.588	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	93038	45.529	ug/l	98
28) Bromochloromethane	4.910	49	74387	51.048	ug/l	100
29) Tetrahydrofuran	5.013	42	127418	205.472	ug/l	99
30) Chloroform	5.105	83	149634	46.550	ug/l	97
31) Cyclohexane	5.483	56	135676	44.511	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	127606	45.264	ug/l	99
36) 1,1-Dichloropropene	5.702	75	104633	44.657	ug/l	99
37) Ethyl Acetate	4.727	43	84355	39.004	ug/l	96
38) Carbon Tetrachloride	5.690	117	111681	43.921	ug/l	96
39) Methylcyclohexane	7.385	83	134029	43.470	ug/l	98
40) Benzene	6.050	78	317609	45.803	ug/l	99

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41) Methacrylonitrile	4.928	41	52937	45.912	ug/l	94
42) 1,2-Dichloroethane	6.098	62	109861	45.085	ug/l	98
43) Isopropyl Acetate	6.342	43	145231	42.913	ug/l	100
44) Trichloroethene	7.135	130	79747	45.127	ug/l	98
45) 1,2-Dichloropropane	7.434	63	78681	45.784	ug/l	96
46) Dibromomethane	7.586	93	54751	44.330	ug/l	99
47) Bromodichloromethane	7.824	83	116648	46.281	ug/l	98
48) Methyl methacrylate	7.696	41	76410	45.018	ug/l	99
49) 1,4-Dioxane	7.659	88	17317	709.769	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	426571	211.334	ug/l	100
52) Toluene	8.720	92	196480	45.706	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	105920	45.294	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	120007	45.205	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	72014	44.953	ug/l	98
56) Ethyl methacrylate	9.116	69	107478	45.449	ug/l	100
57) 1,3-Dichloropropane	9.305	76	124482	45.123	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	301235	245.221	ug/l	99
59) 2-Hexanone	9.427	43	291231	208.701	ug/l	100
60) Dibromochloromethane	9.519	129	84597	44.810	ug/l	99
61) 1,2-Dibromoethane	9.610	107	74132	45.493	ug/l	99
64) Tetrachloroethene	9.275	164	65730	43.220	ug/l	97
65) Chlorobenzene	10.079	112	214231	44.211	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	72969	44.807	ug/l	99
67) Ethyl Benzene	10.195	91	378885	44.751	ug/l	99
68) m/p-Xylenes	10.299	106	284969	90.331	ug/l	99
69) o-Xylene	10.640	106	137712	46.579	ug/l	96
70) Styrene	10.652	104	236334	45.677	ug/l	99
71) Bromoform	10.799	173	54246	43.738	ug/l #	99
73) Isopropylbenzene	10.963	105	364363	45.390	ug/l	100
74) N-amyl acetate	10.841	43	130567	42.930	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	97413	43.460	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	89781m	44.975	ug/l	
77) Bromobenzene	11.195	156	86736	44.901	ug/l	98
78) n-propylbenzene	11.305	91	433663	45.483	ug/l	99
79) 2-Chlorotoluene	11.360	91	250652	44.031	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	298840	45.302	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	28199	39.929	ug/l	97
82) 4-Chlorotoluene	11.451	91	294514	44.330	ug/l	99
83) tert-Butylbenzene	11.713	119	301413	44.204	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	299612	45.207	ug/l	99
85) sec-Butylbenzene	11.890	105	386175	44.812	ug/l	99
86) p-Isopropyltoluene	12.006	119	320650	44.100	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	164581	43.697	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	163149	42.172	ug/l	100
89) n-Butylbenzene	12.329	91	304915	44.167	ug/l	100
90) Hexachloroethane	12.536	117	55261	43.401	ug/l	97
91) 1,2-Dichlorobenzene	12.329	146	155261	44.112	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17688	39.972	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	110321	44.088	ug/l	99
94) Hexachlorobutadiene	13.719	225	45201	42.941	ug/l	97
95) Naphthalene	13.774	128	309610	43.429	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	105752	44.175	ug/l	98

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

