

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
 Data File : VX046842.D
 Acq On : 30 Jun 2025 16:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 01 05:32:33 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 07/01/2025
 Supervised By : Mahesh Dadoda 07/01/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	141745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229126	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	203514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	101797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84469	43.084	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.160%		
35) Dibromofluoromethane	5.391	113	70925	46.785	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.580%		
50) Toluene-d8	8.647	98	253939	46.624	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.240%		
62) 4-Bromofluorobenzene	11.079	95	94540	46.565	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	68939	45.555	ug/l	99
3) Chloromethane	1.307	50	72677	44.494	ug/l	99
4) Vinyl Chloride	1.386	62	78361	44.987	ug/l	98
5) Bromomethane	1.624	94	50953	51.993	ug/l	98
6) Chloroethane	1.703	64	48839	46.262	ug/l	100
7) Trichlorofluoromethane	1.904	101	121712	46.019	ug/l	97
8) Diethyl Ether	2.142	74	42313	46.617	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	77943	48.038	ug/l	98
10) Methyl Iodide	2.465	142	81658	41.054	ug/l	96
11) Tert butyl alcohol	2.953	59	33359	189.569	ug/l	99
12) 1,1-Dichloroethene	2.331	96	74225	47.409	ug/l	98
13) Acrolein	2.246	56	61678	240.631	ug/l	100
14) Allyl chloride	2.678	41	130154	45.882	ug/l	98
15) Acrylonitrile	3.069	53	178928	226.125	ug/l	100
16) Acetone	2.386	43	145175	222.045	ug/l	100
17) Carbon Disulfide	2.526	76	188422	39.853	ug/l	100
18) Methyl Acetate	2.709	43	79715	48.005	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	217557	44.627	ug/l	99
20) Methylene Chloride	2.800	84	81686	44.927	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	76464	45.643	ug/l	97
22) Diisopropyl ether	3.764	45	264271	48.468	ug/l	97
23) Vinyl Acetate	3.727	43	1010725	233.110	ug/l	100
24) 1,1-Dichloroethane	3.617	63	144604	46.711	ug/l	97
25) 2-Butanone	4.556	43	203276	219.834	ug/l	96
26) 2,2-Dichloropropane	4.483	77	106144	47.011	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	91272	46.374	ug/l	99
28) Bromochloromethane	4.898	49	66392	47.305	ug/l	100
29) Tetrahydrofuran	5.007	42	130312	218.183	ug/l	100
30) Chloroform	5.099	83	147660	47.695	ug/l	97
31) Cyclohexane	5.483	56	129024	43.949	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	121133	44.613	ug/l	99
36) 1,1-Dichloropropene	5.696	75	102068	46.641	ug/l	99
37) Ethyl Acetate	4.715	43	85616	42.385	ug/l	97
38) Carbon Tetrachloride	5.684	117	106039	44.650	ug/l	97
39) Methylcyclohexane	7.379	83	130859	45.441	ug/l	98
40) Benzene	6.038	78	307271	47.444	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	52768	49.001	ug/l	94
42) 1,2-Dichloroethane	6.092	62	104021	45.706	ug/l	97
43) Isopropyl Acetate	6.342	43	145059	45.892	ug/l	99
44) Trichloroethene	7.129	130	78008	47.263	ug/l	97
45) 1,2-Dichloropropane	7.428	63	76807	47.853	ug/l	99
46) Dibromomethane	7.580	93	53389	46.283	ug/l	99
47) Bromodichloromethane	7.818	83	113165	48.073	ug/l	100
48) Methyl methacrylate	7.690	41	74978	47.297	ug/l	99
49) 1,4-Dioxane	7.659	88	18834	821.874	ug/l	95
51) 4-Methyl-2-Pentanone	8.568	43	429050	227.587	ug/l	100
52) Toluene	8.714	92	190926	47.553	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	104398	47.798	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	118572	47.821	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	71847	48.019	ug/l	99
56) Ethyl methacrylate	9.116	69	105294	47.673	ug/l	98
57) 1,3-Dichloropropane	9.305	76	122384	47.498	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	290436	253.143	ug/l	100
59) 2-Hexanone	9.427	43	295040	226.376	ug/l	100
60) Dibromochloromethane	9.519	129	83347	47.269	ug/l	100
61) 1,2-Dibromoethane	9.604	107	71813	47.185	ug/l	99
64) Tetrachloroethene	9.269	164	64729	45.907	ug/l	95
65) Chlorobenzene	10.080	112	212197	47.234	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	71694	47.484	ug/l	99
67) Ethyl Benzene	10.189	91	369538	47.078	ug/l	100
68) m/p-Xylenes	10.299	106	278744	95.303	ug/l	99
69) o-Xylene	10.640	106	134145	48.939	ug/l	96
70) Styrene	10.653	104	233500	48.677	ug/l	99
71) Bromoform	10.799	173	53947	46.917	ug/l #	100
73) Isopropylbenzene	10.957	105	355005	47.351	ug/l	99
74) N-amyl acetate	10.842	43	129858	45.716	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	96707	46.195	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	79598m	42.693	ug/l	
77) Bromobenzene	11.195	156	85085	47.160	ug/l	98
78) n-propylbenzene	11.299	91	421287	47.309	ug/l	100
79) 2-Chlorotoluene	11.360	91	245329	46.142	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	289633	47.010	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29834	45.230	ug/l	97
82) 4-Chlorotoluene	11.451	91	287234	46.290	ug/l	99
83) tert-Butylbenzene	11.713	119	296479	46.554	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	292959	47.328	ug/l	100
85) sec-Butylbenzene	11.890	105	374313	46.506	ug/l	99
86) p-Isopropyltoluene	12.006	119	316058	46.541	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	159976	45.476	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	160303	44.365	ug/l	99
89) n-Butylbenzene	12.329	91	294681	45.702	ug/l	100
90) Hexachloroethane	12.536	117	53043	44.604	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	151276	46.018	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17326	41.922	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	105058	44.952	ug/l	98
94) Hexachlorobutadiene	13.719	225	41469	42.180	ug/l	97
95) Naphthalene	13.774	128	302441	45.422	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	102207	45.712	ug/l	98

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

