

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
 Data File : VX048840.D
 Acq On : 12 Dec 2025 09:12
 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 :Mahesh Dadoda 12/16/2025
 Supervised By :Semsettin Yesilyurt 12/16/2025

Quant Time: Dec 12 22:07:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	152770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.738	114	255110	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	228178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	111775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	107810	52.579	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.160%			
35) Dibromofluoromethane	5.367	113	91035	51.827	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.660%			
50) Toluene-d8	8.628	98	301640	48.990	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.980%			
62) 4-Bromofluorobenzene	11.061	95	107746	50.747	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	96597	62.058	ug/l	99
3) Chloromethane	1.300	50	101836	51.846	ug/l	99
4) Vinyl Chloride	1.380	62	102745	49.116	ug/l	99
5) Bromomethane	1.617	94	72617	56.173	ug/l	94
6) Chloroethane	1.691	64	64460	49.511	ug/l	100
7) Trichlorofluoromethane	1.892	101	152795	50.963	ug/l	97
8) Diethyl Ether	2.130	74	57740	48.250	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	82909	47.701	ug/l	99
10) Methyl Iodide	2.453	142	122315	49.431	ug/l	97
11) Tert butyl alcohol	2.934	59	35743	107.970	ug/l	99
12) 1,1-Dichloroethene	2.325	96	83133	46.862	ug/l	97
13) Acrolein	2.233	56	61496	201.658	ug/l	98
14) Allyl chloride	2.660	41	160614	53.927	ug/l	97
15) Acrylonitrile	3.050	53	183814	178.197	ug/l	99
16) Acetone	2.367	43	100109	127.535	ug/l	99
17) Carbon Disulfide	2.514	76	235463	45.706	ug/l	99
18) Methyl Acetate	2.697	43	80127	36.280	ug/l	95
19) Methyl tert-butyl Ether	3.105	73	276283	47.855	ug/l	100
20) Methylene Chloride	2.782	84	102076	52.026	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	89108	49.216	ug/l	96
22) Diisopropyl ether	3.745	45	330370	59.351	ug/l	90
23) Vinyl Acetate	3.709	43	1210678	258.851	ug/l	97
24) 1,1-Dichloroethane	3.599	63	181207	58.378	ug/l	100
25) 2-Butanone	4.532	43	170034	146.768	ug/l	90
26) 2,2-Dichloropropane	4.465	77	145094	52.828	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	110343	54.008	ug/l	94
28) Bromochloromethane	4.873	49	77626	51.022	ug/l	86
29) Tetrahydrofuran	4.983	42	125045	141.355	ug/l	96
30) Chloroform	5.074	83	183922	55.299	ug/l	96
31) Cyclohexane	5.452	56	128262	46.281	ug/l	98
32) 1,1,1-Trichloroethane	5.361	97	154534	51.856	ug/l	97
36) 1,1-Dichloropropene	5.672	75	111401	46.305	ug/l	98
37) Ethyl Acetate	4.690	43	95465	33.208	ug/l	97
38) Carbon Tetrachloride	5.653	117	134468	49.344	ug/l	94
39) Methylcyclohexane	7.360	83	126144	44.342	ug/l	96
40) Benzene	6.013	78	369310	51.782	ug/l	97

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41) Methacrylonitrile	4.897	41	53179	40.658	ug/l	94
42) 1,2-Dichloroethane	6.062	62	130445	51.676	ug/l	98
43) Isopropyl Acetate	6.312	43	158081	36.316	ug/l	97
44) Trichloroethene	7.104	130	92534	49.725	ug/l	96
45) 1,2-Dichloropropane	7.409	63	95504	53.577	ug/l	98
46) Dibromomethane	7.555	93	65280	48.291	ug/l	98
47) Bromodichloromethane	7.799	83	143776	51.014	ug/l	98
48) Methyl methacrylate	7.671	41	80571	36.795	ug/l	98
49) 1,4-Dioxane	7.641	88	17491	580.803	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	435337	161.124	ug/l	98
52) Toluene	8.702	92	224255	52.144	ug/l	97
53) t-1,3-Dichloropropene	8.958	75	138493	51.652	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	153173	53.156	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	83731	48.389	ug/l	99
56) Ethyl methacrylate	9.098	69	117243	43.287	ug/l	98
57) 1,3-Dichloropropane	9.287	76	143736	49.955	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.220	63	345261	235.850	ug/l	98
59) 2-Hexanone	9.409	43	278015	146.581	ug/l	97
60) Dibromochloromethane	9.500	129	105766	49.430	ug/l	98
61) 1,2-Dibromoethane	9.592	107	86643	46.263	ug/l	99
64) Tetrachloroethene	9.256	164	74769	44.955	ug/l	98
65) Chlorobenzene	10.061	112	251110	50.277	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.140	131	90507	50.664	ug/l	99
67) Ethyl Benzene	10.177	91	421555	51.724	ug/l	98
68) m/p-Xylenes	10.281	106	321524	101.276	ug/l	100
69) o-Xylene	10.622	106	155334	52.215	ug/l	99
70) Styrene	10.634	104	273377	53.530	ug/l	100
71) Bromoform	10.780	173	67638	42.410	ug/l #	98
73) Isopropylbenzene	10.945	105	393781	52.279	ug/l	100
74) N-amyl acetate	10.823	43	142460	43.528	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	103638	40.778	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	93120m	44.730	ug/l	
77) Bromobenzene	11.177	156	103210	51.337	ug/l	98
78) n-propylbenzene	11.286	91	461183	52.865	ug/l	99
79) 2-Chlorotoluene	11.341	91	279498	52.540	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	321244	51.885	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	31895	36.392	ug/l #	77
82) 4-Chlorotoluene	11.433	91	330460	53.233	ug/l	99
83) tert-Butylbenzene	11.695	119	316698	49.228	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	332305	53.207	ug/l	100
85) sec-Butylbenzene	11.872	105	394002	50.535	ug/l	100
86) p-Isopropyltoluene	11.988	119	331835	49.792	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	188711	50.918	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	187964	49.078	ug/l	98
89) n-Butylbenzene	12.311	91	306703	49.152	ug/l	100
90) Hexachloroethane	12.518	117	64492	47.414	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	178215	49.599	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	17586	28.431	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	114808	48.379	ug/l	99
94) Hexachlorobutadiene	13.707	225	44819	45.659	ug/l	98
95) Naphthalene	13.756	128	289161	43.969	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	104163	47.595	ug/l	99

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

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