

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121525\
 Data File : VX048884.D
 Acq On : 15 Dec 2025 17:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 16 00:20:41 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

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/16/2025
 Supervised By :Semsettin Yesilyurt 12/16/2025

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	157783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	267596	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	245013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	121470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	121877	57.551	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.100%			
35) Dibromofluoromethane	5.373	113	96051	52.131	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.260%			
50) Toluene-d8	8.634	98	329275	50.983	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.960%			
62) 4-Bromofluorobenzene	11.061	95	120689	54.191	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	78955	49.113	ug/l	99
3) Chloromethane	1.300	50	88029	43.393	ug/l	96
4) Vinyl Chloride	1.380	62	88769	41.087	ug/l	98
5) Bromomethane	1.617	94	60428	45.259	ug/l	99
6) Chloroethane	1.697	64	54747	40.715	ug/l	96
7) Trichlorofluoromethane	1.898	101	130438	42.124	ug/l	99
8) Diethyl Ether	2.136	74	50454	40.822	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	73434	40.907	ug/l	98
10) Methyl Iodide	2.459	142	108812	42.577	ug/l	98
11) Tert butyl alcohol	2.934	59	34793	101.761	ug/l	99
12) 1,1-Dichloroethene	2.325	96	74621	40.728	ug/l	99
13) Acrolein	2.233	56	37900	136.536	ug/l	96
14) Allyl chloride	2.666	41	135931	44.190	ug/l	96
15) Acrylonitrile	3.056	53	172174	161.610	ug/l	99
16) Acetone	2.373	43	143120	176.536	ug/l	99
17) Carbon Disulfide	2.520	76	202106	37.985	ug/l	99
18) Methyl Acetate	2.697	43	75690	33.182	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	253504	42.515	ug/l	99
20) Methylene Chloride	2.788	84	96326	47.536	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	80487	43.042	ug/l	98
22) Diisopropyl ether	3.751	45	290713	50.568	ug/l	91
23) Vinyl Acetate	3.715	43	1103628	228.466	ug/l	98
24) 1,1-Dichloroethane	3.605	63	154399	48.161	ug/l	99
25) 2-Butanone	4.538	43	198481	165.880	ug/l	94
26) 2,2-Dichloropropane	4.465	77	131343	46.302	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	107722	51.050	ug/l	95
28) Bromochloromethane	4.885	49	78161	49.742	ug/l	86
29) Tetrahydrofuran	4.983	42	122565	134.149	ug/l	96
30) Chloroform	5.080	83	162264	47.237	ug/l	97
31) Cyclohexane	5.458	56	122474	42.789	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	140911	45.782	ug/l	97
36) 1,1-Dichloropropene	5.678	75	100161	39.690	ug/l	99
37) Ethyl Acetate	4.696	43	94899	31.471	ug/l	98
38) Carbon Tetrachloride	5.666	117	120463	42.143	ug/l	94
39) Methylcyclohexane	7.366	83	118441	39.691	ug/l	99
40) Benzene	6.025	78	328366	43.893	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	48751	35.533	ug/l	94
42) 1,2-Dichloroethane	6.068	62	118669	44.818	ug/l	97
43) Isopropyl Acetate	6.318	43	155055	33.959	ug/l	96
44) Trichloroethene	7.110	130	100869	51.675	ug/l	96
45) 1,2-Dichloropropane	7.415	63	84313	45.092	ug/l	98
46) Dibromomethane	7.562	93	60111	42.393	ug/l	98
47) Bromodichloromethane	7.805	83	132869	44.944	ug/l	99
48) Methyl methacrylate	7.677	41	78599	34.220	ug/l	97
49) 1,4-Dioxane	7.641	88	16770	530.878	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	429580	151.574	ug/l	97
52) Toluene	8.702	92	202044	44.788	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	128736	45.773	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	140275	46.408	ug/l	99
55) 1,1,2-Trichloroethane	9.134	97	78352	43.167	ug/l	99
56) Ethyl methacrylate	9.098	69	113531	39.961	ug/l	98
57) 1,3-Dichloropropane	9.293	76	133614	44.270	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	330956	215.529	ug/l	98
59) 2-Hexanone	9.415	43	296878	149.223	ug/l	98
60) Dibromochloromethane	9.506	129	100431	44.747	ug/l	100
61) 1,2-Dibromoethane	9.592	107	80145	40.797	ug/l	100
64) Tetrachloroethene	9.256	164	68537	38.376	ug/l	98
65) Chlorobenzene	10.061	112	227269	42.377	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	84094	43.839	ug/l	99
67) Ethyl Benzene	10.177	91	388396	44.381	ug/l	98
68) m/p-Xylenes	10.287	106	294124	86.280	ug/l	100
69) o-Xylene	10.622	106	145061	45.412	ug/l	99
70) Styrene	10.634	104	247009	45.043	ug/l	100
71) Bromoform	10.780	173	62625	36.568	ug/l #	99
73) Isopropylbenzene	10.945	105	366241	44.742	ug/l	99
74) N-amyl acetate	10.823	43	137966	38.791	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	97695	35.371	ug/l	100
76) 1,2,3-Trichloropropane	11.219	75	89181m	39.418	ug/l	
77) Bromobenzene	11.177	156	93728	42.900	ug/l	99
78) n-propylbenzene	11.286	91	426234	44.959	ug/l	100
79) 2-Chlorotoluene	11.347	91	257673	44.572	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	302970	45.028	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	32324	33.938	ug/l #	86
82) 4-Chlorotoluene	11.433	91	303335	44.963	ug/l	100
83) tert-Butylbenzene	11.695	119	304855	43.605	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	307682	45.332	ug/l	99
85) sec-Butylbenzene	11.872	105	373620	44.096	ug/l	100
86) p-Isopropyltoluene	11.988	119	314146	43.375	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	172019	42.709	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	171912	41.304	ug/l	99
89) n-Butylbenzene	12.311	91	283596	41.822	ug/l	100
90) Hexachloroethane	12.518	117	61742	41.769	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	165479	42.378	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	17886	26.609	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	101873	39.502	ug/l	98
94) Hexachlorobutadiene	13.707	225	43206	40.502	ug/l	97
95) Naphthalene	13.756	128	272887	38.852	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	95242	40.045	ug/l	100

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

