

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110425\
 Data File : VX048489.D
 Acq On : 04 Nov 2025 17:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/05/2025
 Supervised By :Mahesh Dadoda 11/05/2025

Quant Time: Nov 05 03:30:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	182477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	327750	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	280042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	128568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	128923	49.127	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.260%		
35) Dibromofluoromethane	5.373	113	85792	45.912	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.820%		
50) Toluene-d8	8.635	98	347675	42.150	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	84.300%#		
62) 4-Bromofluorobenzene	11.061	95	137697	44.625	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	80447	43.220	ug/l	95
3) Chloromethane	1.300	50	42264	40.245	ug/l	99
4) Vinyl Chloride	1.380	62	93106	38.380	ug/l	98
5) Bromomethane	1.617	94	30706	35.039	ug/l	95
6) Chloroethane	1.697	64	45036	31.217	ug/l	94
7) Trichlorofluoromethane	1.898	101	127533	34.306	ug/l	99
8) Diethyl Ether	2.136	74	42051	31.298	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.337	101	78834	37.701	ug/l	94
10) Methyl Iodide	2.459	142	329029	39.131	ug/l	94
11) Tert butyl alcohol	2.934	59	32591	162.098	ug/l	100
12) 1,1-Dichloroethene	2.325	96	81137	38.201	ug/l	89
13) Acrolein	2.233	56	51533	122.793	ug/l	99
14) Allyl chloride	2.666	41	135712	37.731	ug/l	96
15) Acrylonitrile	3.056	53	171998	188.046	ug/l	100
16) Acetone	2.373	43	135497	227.809	ug/l	92
17) Carbon Disulfide	2.520	76	248292	40.771	ug/l	100
18) Methyl Acetate	2.697	43	72643	36.517	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	274868	40.412	ug/l	98
20) Methylene Chloride	2.788	84	89561	39.063	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	88973	39.438	ug/l	99
22) Diisopropyl ether	3.751	45	288077	39.129	ug/l	93
23) Vinyl Acetate	3.715	43	975139	194.574	ug/l	99
24) 1,1-Dichloroethane	3.605	63	164765	39.435	ug/l	98
25) 2-Butanone	4.538	43	201762	212.343	ug/l	100
26) 2,2-Dichloropropane	4.471	77	147340	40.956	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	105996	39.367	ug/l	99
28) Bromochloromethane	4.885	49	78101	41.246	ug/l	92
29) Tetrahydrofuran	4.989	42	121311	179.277	ug/l	94
30) Chloroform	5.086	83	173283	40.317	ug/l	98
31) Cyclohexane	5.464	56	134954	37.211	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	161559	42.579	ug/l	99
36) 1,1-Dichloropropene	5.684	75	118483	37.758	ug/l	99
37) Ethyl Acetate	4.696	43	97573	36.496	ug/l #	95
38) Carbon Tetrachloride	5.672	117	139007	38.367	ug/l	99
39) Methylcyclohexane	7.366	83	147881	36.646	ug/l	94
40) Benzene	6.025	78	348033	36.304	ug/l	97

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41) Methacrylonitrile	4.910	41	50285	37.341	ug/l	97
42) 1,2-Dichloroethane	6.074	62	130126	38.537	ug/l	100
43) Isopropyl Acetate	6.324	43	162106	36.726	ug/l	98
44) Trichloroethene	7.110	130	99061	39.440	ug/l	95
45) 1,2-Dichloropropane	7.415	63	84569	35.323	ug/l	98
46) Dibromomethane	7.568	93	57756	34.460	ug/l	92
47) Bromodichloromethane	7.805	83	123483	34.676	ug/l	98
48) Methyl methacrylate	7.677	41	71567	33.248	ug/l	89
49) 1,4-Dioxane	7.641	88	11651	476.212	ug/l #	70
51) 4-Methyl-2-Pentanone	8.555	43	384606	156.567	ug/l	92
52) Toluene	8.702	92	212785	35.522	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	113620	35.201	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	125175	35.995	ug/l	90
55) 1,1,2-Trichloroethane	9.134	97	78178	36.064	ug/l	96
56) Ethyl methacrylate	9.098	69	114289	36.005	ug/l	89
57) 1,3-Dichloropropane	9.293	76	132079	35.140	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	356086	190.640	ug/l	95
59) 2-Hexanone	9.415	43	282313	176.623	ug/l	91
60) Dibromochloromethane	9.506	129	98826	36.861	ug/l	99
61) 1,2-Dibromoethane	9.592	107	82150	36.631	ug/l	98
64) Tetrachloroethene	9.256	164	83843	37.177	ug/l	97
65) Chlorobenzene	10.061	112	255679	39.630	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	91221	41.567	ug/l	100
67) Ethyl Benzene	10.177	91	435627	40.102	ug/l	96
68) m/p-Xylenes	10.287	106	328324	79.826	ug/l	97
69) o-Xylene	10.622	106	152024	38.679	ug/l	97
70) Styrene	10.640	104	261622	39.293	ug/l	99
71) Bromoform	10.780	173	61345	38.642	ug/l #	98
73) Isopropylbenzene	10.945	105	390467	41.061	ug/l	99
74) N-amyl acetate	10.823	43	147312	43.424	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.195	83	97471	40.466	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	87024m	47.066	ug/l	
77) Bromobenzene	11.183	156	97556	41.530	ug/l	98
78) n-propylbenzene	11.286	91	456890	40.651	ug/l	98
79) 2-Chlorotoluene	11.347	91	276084	40.913	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	315114	40.424	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	20725	38.790	ug/l	91
82) 4-Chlorotoluene	11.439	91	325699	41.056	ug/l	96
83) tert-Butylbenzene	11.695	119	315369	39.739	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	319438	41.387	ug/l	99
85) sec-Butylbenzene	11.872	105	384384	38.872	ug/l	99
86) p-Isopropyltoluene	11.994	119	331125	39.610	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	175403	39.099	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	178782	39.128	ug/l	100
89) n-Butylbenzene	12.317	91	299448	38.152	ug/l	100
90) Hexachloroethane	12.518	117	58527	39.843	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	167801	40.363	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	18489	39.199	ug/l	94
93) 1,2,4-Trichlorobenzene	13.567	180	99802	34.790	ug/l	99
94) Hexachlorobutadiene	13.701	225	39466	32.798	ug/l	98
95) Naphthalene	13.756	128	252594	34.864	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	84074	32.265	ug/l	98

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

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