

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
 Data File : VX048519.D
 Acq On : 07 Nov 2025 14:37
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/10/2025
 Supervised By : Semsettin Yesilyurt 11/10/2025

Quant Time: Nov 08 04:40:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 04:36:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	194066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	316111	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	276476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	142334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	127284	47.070	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.140%		
35) Dibromofluoromethane	5.373	113	111505	46.606	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.220%		
50) Toluene-d8	8.634	98	394449	52.862	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	105.720%		
62) 4-Bromofluorobenzene	11.061	95	143249	51.514	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	66068	42.014	ug/l	98
3) Chloromethane	1.300	50	77039	36.937	ug/l	98
4) Vinyl Chloride	1.380	62	114728	48.583	ug/l	98
5) Bromomethane	1.611	94	77178	51.705	ug/l	98
6) Chloroethane	1.690	64	74108	47.919	ug/l	97
7) Trichlorofluoromethane	1.898	101	183963	49.241	ug/l	99
8) Diethyl Ether	2.136	74	71025	47.362	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	109457	50.608	ug/l	98
10) Methyl Iodide	2.453	142	158556	49.536	ug/l	99
11) Tert butyl alcohol	2.940	59	123773	241.553	ug/l	98
12) 1,1-Dichloroethene	2.325	96	110163	48.763	ug/l	95
13) Acrolein	2.239	56	13912	189.397	ug/l	95
14) Allyl chloride	2.666	41	198188	47.118	ug/l	98
15) Acrylonitrile	3.056	53	362673	242.456	ug/l	100
16) Acetone	2.373	43	307235	240.023	ug/l	98
17) Carbon Disulfide	2.513	76	297606	46.814	ug/l	98
18) Methyl Acetate	2.696	43	160225	45.549	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	379211	47.534	ug/l	99
20) Methylene Chloride	2.788	84	120871	45.930	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	113710	47.490	ug/l	96
22) Diisopropyl ether	3.751	45	389397	48.213	ug/l	97
23) Vinyl Acetate	3.715	43	1724876	243.854	ug/l	99
24) 1,1-Dichloroethane	3.605	63	212382	47.923	ug/l	99
25) 2-Butanone	4.538	43	451300	238.332	ug/l	98
26) 2,2-Dichloropropane	4.464	77	179826	47.597	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	137632	47.026	ug/l	99
28) Bromochloromethane	4.885	49	97690	44.872	ug/l	100
29) Tetrahydrofuran	4.983	42	311756	231.153	ug/l	99
30) Chloroform	5.086	83	206307	45.093	ug/l	98
31) Cyclohexane	5.458	56	180420	49.687	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	185840	46.544	ug/l	99
36) 1,1-Dichloropropene	5.678	75	147094	45.914	ug/l	98
37) Ethyl Acetate	4.696	43	205123	45.485	ug/l	100
38) Carbon Tetrachloride	5.665	117	161361	44.246	ug/l	96
39) Methylcyclohexane	7.366	83	190738	53.024	ug/l	95
40) Benzene	6.025	78	452094	45.524	ug/l	98

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41) Methacrylonitrile	4.903	41	88939	44.846	ug/l	96
42) 1,2-Dichloroethane	6.074	62	150677	44.283	ug/l	100
43) Isopropyl Acetate	6.324	43	289450	45.660	ug/l	99
44) Trichloroethene	7.110	130	117255	49.397	ug/l	98
45) 1,2-Dichloropropane	7.415	63	116023	50.812	ug/l	99
46) Dibromomethane	7.567	93	84094	50.494	ug/l	99
47) Bromodichloromethane	7.805	83	174143	52.414	ug/l	99
48) Methyl methacrylate	7.677	41	144473	51.268	ug/l	99
49) 1,4-Dioxane	7.647	88	45349	1056.119	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	931289	258.084	ug/l	100
52) Toluene	8.701	92	281459	53.833	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	178874	52.249	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	188719	53.237	ug/l	99
55) 1,1,2-Trichloroethane	9.134	97	111859	53.549	ug/l	98
56) Ethyl methacrylate	9.098	69	189151	54.426	ug/l	100
57) 1,3-Dichloropropane	9.293	76	186926	51.411	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	521372	281.536	ug/l	100
59) 2-Hexanone	9.415	43	696238	259.385	ug/l	99
60) Dibromochloromethane	9.506	129	135249	52.734	ug/l	98
61) 1,2-Dibromoethane	9.591	107	120200	53.127	ug/l	100
64) Tetrachloroethene	9.256	164	97190	48.399	ug/l	97
65) Chlorobenzene	10.061	112	310479	47.313	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.146	131	109923	49.993	ug/l	100
67) Ethyl Benzene	10.177	91	536300	48.668	ug/l	97
68) m/p-Xylenes	10.286	106	413914	99.733	ug/l	99
69) o-Xylene	10.622	106	200780	49.447	ug/l	99
70) Styrene	10.640	104	339204	49.799	ug/l	99
71) Bromoform	10.786	173	95888	47.270	ug/l #	100
73) Isopropylbenzene	10.945	105	519610	50.294	ug/l	99
74) N-amyl acetate	10.823	43	246220	47.463	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	170877	46.900	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	133378m	43.950	ug/l	
77) Bromobenzene	11.183	156	129118	48.398	ug/l	99
78) n-propylbenzene	11.286	91	601192	49.488	ug/l	100
79) 2-Chlorotoluene	11.347	91	357485	48.699	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	421068	49.994	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	59882	49.950	ug/l	96
82) 4-Chlorotoluene	11.439	91	415896	48.299	ug/l	100
83) tert-Butylbenzene	11.695	119	439837	50.490	ug/l	98
84) 1,2,4-Trimethylbenzene	11.731	105	426142	50.146	ug/l	100
85) sec-Butylbenzene	11.872	105	537566	49.928	ug/l	100
86) p-Isopropyltoluene	11.993	119	459910	50.808	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	239859	47.970	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	238363	47.249	ug/l	99
89) n-Butylbenzene	12.317	91	424807	50.027	ug/l	100
90) Hexachloroethane	12.518	117	83737	48.554	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	231259	48.179	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	40378	47.689	ug/l	100
93) 1,2,4-Trichlorobenzene	13.566	180	158219	49.603	ug/l	99
94) Hexachlorobutadiene	13.707	225	65202	48.899	ug/l	99
95) Naphthalene	13.755	128	525801	51.271	ug/l	100
96) 1,2,3-Trichlorobenzene	13.944	180	146585	49.407	ug/l	99

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

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