

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111725\
 Data File : VX048613.D
 Acq On : 17 Nov 2025 11:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 19 01:48:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	136941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	230720	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	247020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	108432	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	100934	52.896	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.800%	
35) Dibromofluoromethane	5.367	113	79154	45.328	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.660%	
50) Toluene-d8	8.628	98	302557	55.554	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 111.100%	
62) 4-Bromofluorobenzene	11.061	95	97165	47.873	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.740%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	52626	47.426	ug/l	99
3) Chloromethane	1.300	50	79716	54.164	ug/l	99
4) Vinyl Chloride	1.380	62	89993	54.006	ug/l	98
5) Bromomethane	1.611	94	70287	66.799	ug/l	99
6) Chloroethane	1.691	64	59657	54.667	ug/l	97
7) Trichlorofluoromethane	1.892	101	150217	56.982	ug/l	99
8) Diethyl Ether	2.130	74	64954	61.381	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	86269	56.526	ug/l	97
10) Methyl Iodide	2.453	142	125304	55.478	ug/l	98
11) Tert butyl alcohol	2.934	59	102974	284.793	ug/l	99
12) 1,1-Dichloroethene	2.325	96	82548	51.782	ug/l	98
13) Acrolein	2.233	56	12707	242.894	ug/l	95
14) Allyl chloride	2.660	41	141986	47.838	ug/l	93
15) Acrylonitrile	3.050	53	304927	288.888	ug/l	98
16) Acetone	2.367	43	262929	291.096	ug/l	96
17) Carbon Disulfide	2.514	76	188207	41.955	ug/l	98
18) Methyl Acetate	2.690	43	136214	54.876	ug/l	98
19) Methyl tert-butyl Ether	3.099	73	312527	55.517	ug/l	99
20) Methylene Chloride	2.788	84	86869	46.780	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	80544	47.671	ug/l	95
22) Diisopropyl ether	3.745	45	314203	55.131	ug/l	98
23) Vinyl Acetate	3.709	43	1420826	284.652	ug/l	97
24) 1,1-Dichloroethane	3.599	63	160670	51.378	ug/l	99
25) 2-Butanone	4.525	43	395229	295.789	ug/l	97
26) 2,2-Dichloropropane	4.458	77	137382	51.531	ug/l	98
27) cis-1,2-Dichloroethene	4.471	96	101649	49.219	ug/l	96
28) Bromochloromethane	4.879	49	74269	48.345	ug/l	94
29) Tetrahydrofuran	4.971	42	267879	281.092	ug/l	98
30) Chloroform	5.068	83	169842	52.609	ug/l	98
31) Cyclohexane	5.452	56	120113	46.877	ug/l	95
32) 1,1,1-Trichloroethane	5.361	97	143164	50.813	ug/l	97
36) 1,1-Dichloropropene	5.678	75	107073	45.791	ug/l	98
37) Ethyl Acetate	4.684	43	181509	55.145	ug/l	98
38) Carbon Tetrachloride	5.659	117	125764	47.248	ug/l	98
39) Methylcyclohexane	7.360	83	125943	47.969	ug/l	99
40) Benzene	6.019	78	334125	46.098	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	81645	56.404	ug/l	96
42) 1,2-Dichloroethane	6.068	62	133820	53.885	ug/l	97
43) Isopropyl Acetate	6.312	43	247565	53.507	ug/l	98
44) Trichloroethene	7.104	130	85089	49.113	ug/l	90
45) 1,2-Dichloropropane	7.409	63	87954	52.775	ug/l	97
46) Dibromomethane	7.562	93	76311	62.779	ug/l	97
47) Bromodichloromethane	7.799	83	154256	63.612	ug/l	98
48) Methyl methacrylate	7.671	41	135159	65.714	ug/l	99
49) 1,4-Dioxane	7.641	88	44295	1413.364	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	849764	322.648	ug/l	98
52) Toluene	8.702	92	241584	63.307	ug/l	100
53) t-1,3-Dichloropropene	8.958	75	158725	63.523	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	169067	65.345	ug/l	97
55) 1,1,2-Trichloroethane	9.134	97	104282	68.398	ug/l	97
56) Ethyl methacrylate	9.098	69	174371	68.742	ug/l	97
57) 1,3-Dichloropropane	9.287	76	168763	63.594	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.220	63	454471	333.252	ug/l	98
59) 2-Hexanone	9.409	43	635447	324.355	ug/l	99
60) Dibromochloromethane	9.500	129	129527	69.195	ug/l	99
61) 1,2-Dibromoethane	9.592	107	111844	67.730	ug/l	100
64) Tetrachloroethene	9.256	164	83154	46.347	ug/l	96
65) Chlorobenzene	10.061	112	281822	48.067	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.146	131	104125	53.003	ug/l	99
67) Ethyl Benzene	10.177	91	466922	47.425	ug/l	96
68) m/p-Xylenes	10.281	106	367318	99.060	ug/l	100
69) o-Xylene	10.622	106	169976	46.852	ug/l	100
70) Styrene	10.634	104	293748	48.268	ug/l	100
71) Bromoform	10.780	173	88691	48.935	ug/l #	99
73) Isopropylbenzene	10.945	105	380755	48.377	ug/l	99
74) N-amyl acetate	10.823	43	218426	55.270	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	137735	49.623	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	116177m	44.473	ug/l	
77) Bromobenzene	11.177	156	100108	49.256	ug/l	99
78) n-propylbenzene	11.286	91	448228	48.432	ug/l	99
79) 2-Chlorotoluene	11.347	91	270431	48.358	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	322106	50.201	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	47574	52.091	ug/l	90
82) 4-Chlorotoluene	11.433	91	329419	50.217	ug/l	99
83) tert-Butylbenzene	11.695	119	327151	49.296	ug/l	97
84) 1,2,4-Trimethylbenzene	11.732	105	327072	50.522	ug/l	99
85) sec-Butylbenzene	11.872	105	406734	49.588	ug/l	99
86) p-Isopropyltoluene	11.988	119	341821	49.569	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	185785	48.773	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	188655	47.948	ug/l	99
89) n-Butylbenzene	12.311	91	322316	49.825	ug/l	99
90) Hexachloroethane	12.518	117	66124	50.329	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	181100	49.525	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	35109	54.431	ug/l	94
93) 1,2,4-Trichlorobenzene	13.567	180	118250	48.664	ug/l	100
94) Hexachlorobutadiene	13.707	225	46587	45.863	ug/l	97
95) Naphthalene	13.756	128	413119	52.879	ug/l	100
96) 1,2,3-Trichlorobenzene	13.945	180	114955	50.860	ug/l	97

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

