

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070825\
 Data File : VX046907.D
 Acq On : 08 Jul 2025 09:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 09 05:06:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 09 05:05:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	373954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	602496	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	524920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	257685	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	245303	49.654	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.300%
35) Dibromofluoromethane	5.385	113	211370	51.683	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.360%
50) Toluene-d8	8.647	98	716473	49.653	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.300%
62) 4-Bromofluorobenzene	11.079	95	269330	49.111	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.179	85	197627	55.260	ug/l	99
3) Chloromethane	1.307	50	209264	53.556	ug/l	96
4) Vinyl Chloride	1.386	62	230323	54.129	ug/l	99
5) Bromomethane	1.624	94	144195	52.741	ug/l	97
6) Chloroethane	1.703	64	145745	51.872	ug/l	100
7) Trichlorofluoromethane	1.904	101	355098	53.972	ug/l	100
8) Diethyl Ether	2.142	74	125253	53.495	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	224037	53.439	ug/l	99
10) Methyl Iodide	2.465	142	242979	53.198	ug/l	98
11) Tert butyl alcohol	2.953	59	84865	261.921	ug/l	98
12) 1,1-Dichloroethene	2.337	96	216808	53.467	ug/l	95
13) Acrolein	2.246	56	109784	283.746	ug/l	97
14) Allyl chloride	2.678	41	383794	53.161	ug/l	99
15) Acrylonitrile	3.069	53	482677	257.660	ug/l	99
16) Acetone	2.380	43	423583	276.029	ug/l	96
17) Carbon Disulfide	2.526	76	520881	48.981	ug/l	99
18) Methyl Acetate	2.709	43	233747	57.791	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	612602	53.497	ug/l	97
20) Methylene Chloride	2.800	84	236279	52.070	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	215868	52.025	ug/l	96
22) Diisopropyl ether	3.764	45	758939	54.413	ug/l	97
23) Vinyl Acetate	3.727	43	2763222	264.441	ug/l	99
24) 1,1-Dichloroethane	3.617	63	416877	52.407	ug/l	99
25) 2-Butanone	4.550	43	519596	253.785	ug/l	97
26) 2,2-Dichloropropane	4.483	77	305954	51.681	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	262867	51.888	ug/l	99
28) Bromochloromethane	4.898	49	191641	48.816	ug/l	98
29) Tetrahydrofuran	5.001	42	332601	254.841	ug/l	99
30) Chloroform	5.099	83	410778	50.547	ug/l	97
31) Cyclohexane	5.477	56	350766	49.671	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	345060	50.823	ug/l	99
36) 1,1-Dichloropropene	5.696	75	278964	50.556	ug/l	100
37) Ethyl Acetate	4.715	43	236934	50.414	ug/l	99
38) Carbon Tetrachloride	5.684	117	299619	51.360	ug/l	98
39) Methylcyclohexane	7.379	83	336665	48.775	ug/l	98
40) Benzene	6.038	78	851063	50.992	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	137056	54.668	ug/l	99
42) 1,2-Dichloroethane	6.086	62	290250	51.214	ug/l	98
43) Isopropyl Acetate	6.336	43	376401	52.288	ug/l	99
44) Trichloroethene	7.123	130	213543	49.151	ug/l	96
45) 1,2-Dichloropropane	7.428	63	213562	50.646	ug/l	99
46) Dibromomethane	7.580	93	146889	50.277	ug/l	99
47) Bromodichloromethane	7.818	83	320146	51.319	ug/l	98
48) Methyl methacrylate	7.690	41	196971	52.992	ug/l	98
49) 1,4-Dioxane	7.653	88	44498	1033.194	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	1089491	256.447	ug/l	100
52) Toluene	8.714	92	521163	50.391	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	291011	52.270	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	330799	52.054	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	195657	50.791	ug/l	98
56) Ethyl methacrylate	9.110	69	276600	51.877	ug/l	100
57) 1,3-Dichloropropane	9.305	76	328619	49.541	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	811810	270.225	ug/l	100
59) 2-Hexanone	9.427	43	733843	260.416	ug/l	99
60) Dibromochloromethane	9.519	129	234254	50.813	ug/l	98
61) 1,2-Dibromoethane	9.604	107	191147	49.407	ug/l	99
64) Tetrachloroethene	9.269	164	171322	49.020	ug/l	96
65) Chlorobenzene	10.073	112	581686	51.254	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	198027	51.906	ug/l	99
67) Ethyl Benzene	10.189	91	997386	51.318	ug/l	99
68) m/p-Xylenes	10.299	106	745572	101.803	ug/l	99
69) o-Xylene	10.640	106	358909	50.734	ug/l	100
70) Styrene	10.653	104	629497	52.009	ug/l	99
71) Bromoform	10.793	173	145331	51.232	ug/l	99
73) Isopropylbenzene	10.957	105	956925	52.826	ug/l	100
74) N-amyl acetate	10.842	43	327592	53.219	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	255140	51.222	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	210629m	52.901	ug/l	
77) Bromobenzene	11.195	156	233920	51.843	ug/l	99
78) n-propylbenzene	11.299	91	1135131	51.969	ug/l	99
79) 2-Chlorotoluene	11.360	91	668207	51.810	ug/l	100
80) 1,3,5-Trimethylbenzene	11.445	105	777379	52.815	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	76758	51.733	ug/l	96
82) 4-Chlorotoluene	11.451	91	780763	52.459	ug/l	100
83) tert-Butylbenzene	11.713	119	799854	52.615	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	781521	52.531	ug/l	97
85) sec-Butylbenzene	11.884	105	989310	51.615	ug/l	100
86) p-Isopropyltoluene	12.006	119	815604	50.814	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	434525	51.493	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	433193	49.325	ug/l	99
89) n-Butylbenzene	12.329	91	761068	50.463	ug/l	100
90) Hexachloroethane	12.536	117	146763	51.579	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	411943	50.375	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	43625	50.075	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	278404	50.114	ug/l	99
94) Hexachlorobutadiene	13.719	225	98627	47.075	ug/l	98
95) Naphthalene	13.774	128	769419	52.560	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	268227	51.099	ug/l	99

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

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