

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070825\
 Data File : VX046910.D
 Acq On : 08 Jul 2025 10:24
 Operator : JC/MD
 Sample : VX0708WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS01

Quant Time: Jul 09 05:08:44 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	5.562	168	359068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	589746	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	539982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	277078	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	243236	51.276	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.560%	
35) Dibromofluoromethane	5.397	113	204812	51.162	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.320%	
50) Toluene-d8	8.647	98	719466	50.939	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.880%	
62) 4-Bromofluorobenzene	11.079	95	280851	52.319	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.640%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.179	85	67331	19.607	ug/l	99
3) Chloromethane	1.307	50	72338	19.281	ug/l	99
4) Vinyl Chloride	1.386	62	79344	19.420	ug/l	99
5) Bromomethane	1.630	94	53469	20.368	ug/l	94
6) Chloroethane	1.703	64	49774	18.449	ug/l	97
7) Trichlorofluoromethane	1.904	101	125985	19.943	ug/l	100
8) Diethyl Ether	2.148	74	44004	19.573	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	80144	19.909	ug/l	99
10) Methyl Iodide	2.471	142	83425	19.022	ug/l	98
11) Tert butyl alcohol	2.953	59	30796	98.987	ug/l	99
12) 1,1-Dichloroethene	2.337	96	75568	19.408	ug/l	97
13) Acrolein	2.246	56	32510	87.508	ug/l	99
14) Allyl chloride	2.678	41	134776	19.442	ug/l	100
15) Acrylonitrile	3.075	53	180994	100.623	ug/l	99
16) Acetone	2.386	43	139102	94.404	ug/l	92
17) Carbon Disulfide	2.532	76	185847	18.201	ug/l	99
18) Methyl Acetate	2.715	43	84220	21.685	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	224519	20.420	ug/l	98
20) Methylene Chloride	2.806	84	89618	20.568	ug/l	95
21) trans-1,2-Dichloroethene	3.111	96	79012	19.832	ug/l	96
22) Diisopropyl ether	3.770	45	281034	20.985	ug/l	94
23) Vinyl Acetate	3.733	43	1014985	101.161	ug/l	99
24) 1,1-Dichloroethane	3.623	63	153746	20.129	ug/l	98
25) 2-Butanone	4.562	43	204541	104.045	ug/l	96
26) 2,2-Dichloropropane	4.495	77	108739	19.130	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	97508	20.045	ug/l	100
28) Bromochloromethane	4.910	49	75525	20.036	ug/l	98
29) Tetrahydrofuran	5.013	42	130169	103.871	ug/l	98
30) Chloroform	5.105	83	159427	20.431	ug/l	99
31) Cyclohexane	5.483	56	136324	20.105	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	128275	19.676	ug/l	97
36) 1,1-Dichloropropene	5.702	75	107120	19.833	ug/l	100
37) Ethyl Acetate	4.727	43	85583	18.604	ug/l	99
38) Carbon Tetrachloride	5.684	117	114302	20.017	ug/l	96
39) Methylcyclohexane	7.385	83	132057	19.546	ug/l	98
40) Benzene	6.050	78	323976	19.831	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	53004	21.599	ug/l	98
42) 1,2-Dichloroethane	6.099	62	113333	20.430	ug/l	99
43) Isopropyl Acetate	6.349	43	145098	20.592	ug/l	100
44) Trichloroethene	7.129	130	82634	19.431	ug/l	99
45) 1,2-Dichloropropane	7.434	63	82756	20.050	ug/l	96
46) Dibromomethane	7.586	93	57084	19.961	ug/l	98
47) Bromodichloromethane	7.824	83	122517	20.064	ug/l	97
48) Methyl methacrylate	7.696	41	74813	20.563	ug/l	97
49) 1,4-Dioxane	7.665	88	16100	381.906	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	448052	107.744	ug/l	99
52) Toluene	8.720	92	204422	20.193	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	107671	19.757	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	123693	19.885	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	78033	20.695	ug/l	96
56) Ethyl methacrylate	9.116	69	109100	20.904	ug/l	99
57) 1,3-Dichloropropane	9.305	76	132531	20.412	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	296122	100.700	ug/l	99
59) 2-Hexanone	9.427	43	298802	108.327	ug/l	99
60) Dibromochloromethane	9.519	129	93345	20.686	ug/l	98
61) 1,2-Dibromoethane	9.610	107	77185	20.382	ug/l	100
64) Tetrachloroethene	9.275	164	69175	19.241	ug/l	98
65) Chlorobenzene	10.080	112	232233	19.892	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	79541	20.267	ug/l	100
67) Ethyl Benzene	10.195	91	396458	19.830	ug/l	98
68) m/p-Xylenes	10.299	106	301668	40.042	ug/l	100
69) o-Xylene	10.640	106	143025	19.653	ug/l	99
70) Styrene	10.653	104	254428	20.435	ug/l	99
71) Bromoform	10.799	173	58261	19.965	ug/l	99
73) Isopropylbenzene	10.957	105	390886	20.068	ug/l	98
74) N-amyl acetate	10.842	43	131598	19.882	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	106813	19.943	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	85852m	20.053	ug/l	
77) Bromobenzene	11.195	156	94905	19.561	ug/l	99
78) n-propylbenzene	11.299	91	467356	19.899	ug/l	100
79) 2-Chlorotoluene	11.360	91	270813	19.528	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	321229	20.297	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	28894	18.111	ug/l	91
82) 4-Chlorotoluene	11.451	91	322375	20.144	ug/l	99
83) tert-Butylbenzene	11.713	119	319558	19.549	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	322765	20.177	ug/l	97
85) sec-Butylbenzene	11.890	105	410512	19.918	ug/l	100
86) p-Isopropyltoluene	12.006	119	336553	19.500	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	182682	20.133	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	180879	19.154	ug/l	99
89) n-Butylbenzene	12.329	91	310091	19.122	ug/l	100
90) Hexachloroethane	12.536	117	55933	18.281	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	170584	19.400	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18620	19.877	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	113126	18.938	ug/l	99
94) Hexachlorobutadiene	13.719	225	42195	18.730	ug/l	96
95) Naphthalene	13.774	128	317404	20.165	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	108670	19.254	ug/l	98

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

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