

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070825\
 Data File : VX046911.D
 Acq On : 08 Jul 2025 10:50
 Operator : JC/MD
 Sample : VX0708WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBSD01

Quant Time: Jul 09 05:09:45 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	331049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	538921	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	494449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	254243	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	229231	52.414	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.820%	
35) Dibromofluoromethane	5.391	113	188395	51.499	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.000%	
50) Toluene-d8	8.647	98	656682	50.878	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.760%	
62) 4-Bromofluorobenzene	11.079	95	263087	53.632	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.179	85	60581	19.135	ug/l	99
3) Chloromethane	1.307	50	66015	19.085	ug/l	96
4) Vinyl Chloride	1.386	62	70822	18.801	ug/l	99
5) Bromomethane	1.630	94	49257	20.351	ug/l	94
6) Chloroethane	1.703	64	46380	18.646	ug/l	99
7) Trichlorofluoromethane	1.904	101	113872	19.551	ug/l	99
8) Diethyl Ether	2.142	74	42181	20.350	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	72548	19.547	ug/l	99
10) Methyl Iodide	2.465	142	77695	19.215	ug/l	97
11) Tert butyl alcohol	2.953	59	29274	102.059	ug/l	99
12) 1,1-Dichloroethene	2.337	96	68436	19.064	ug/l	96
13) Acrolein	2.245	56	31275	91.309	ug/l	97
14) Allyl chloride	2.678	41	125314	19.607	ug/l	98
15) Acrylonitrile	3.068	53	173240	104.463	ug/l	98
16) Acetone	2.386	43	127747	94.036	ug/l	99
17) Carbon Disulfide	2.526	76	167410	17.783	ug/l	99
18) Methyl Acetate	2.709	43	82220	22.962	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	213251	21.036	ug/l	99
20) Methylene Chloride	2.800	84	80084	19.936	ug/l	96
21) trans-1,2-Dichloroethene	3.105	96	71754	19.534	ug/l	98
22) Diisopropyl ether	3.770	45	265613	21.512	ug/l	95
23) Vinyl Acetate	3.727	43	974353	105.331	ug/l	100
24) 1,1-Dichloroethane	3.623	63	140694	19.980	ug/l	98
25) 2-Butanone	4.562	43	191638	105.732	ug/l	99
26) 2,2-Dichloropropane	4.489	77	99301	18.948	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	90553	20.191	ug/l	99
28) Bromochloromethane	4.910	49	72216	20.779	ug/l	98
29) Tetrahydrofuran	5.007	42	120820	104.571	ug/l	99
30) Chloroform	5.099	83	148727	20.673	ug/l	96
31) Cyclohexane	5.477	56	123543	19.762	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	120117	19.985	ug/l	100
36) 1,1-Dichloropropene	5.702	75	96133	19.477	ug/l	99
37) Ethyl Acetate	4.721	43	73853	17.568	ug/l	96
38) Carbon Tetrachloride	5.678	117	104686	20.062	ug/l	98
39) Methylcyclohexane	7.385	83	118279	19.157	ug/l	94
40) Benzene	6.044	78	304033	20.365	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	50691	22.604	ug/l	97
42) 1,2-Dichloroethane	6.086	62	107890	21.283	ug/l	98
43) Isopropyl Acetate	6.342	43	137978	21.429	ug/l	99
44) Trichloroethene	7.129	130	76173	19.601	ug/l	100
45) 1,2-Dichloropropane	7.427	63	77774	20.620	ug/l	98
46) Dibromomethane	7.586	93	54623	20.902	ug/l	98
47) Bromodichloromethane	7.824	83	117409	21.041	ug/l	99
48) Methyl methacrylate	7.696	41	72928	21.935	ug/l	99
49) 1,4-Dioxane	7.659	88	16603	430.980	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	428685	112.808	ug/l	99
52) Toluene	8.720	92	192654	20.825	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	102596	20.602	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	118193	20.793	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	75972	22.048	ug/l	96
56) Ethyl methacrylate	9.116	69	103362	21.673	ug/l	98
57) 1,3-Dichloropropane	9.305	76	127501	21.489	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	281580	104.786	ug/l	98
59) 2-Hexanone	9.427	43	285376	113.217	ug/l	100
60) Dibromochloromethane	9.519	129	86426	20.958	ug/l	100
61) 1,2-Dibromoethane	9.610	107	74333	21.480	ug/l	98
64) Tetrachloroethene	9.275	164	64591	19.620	ug/l	91
65) Chlorobenzene	10.079	112	217576	20.353	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	74422	20.709	ug/l	100
67) Ethyl Benzene	10.189	91	371131	20.272	ug/l	100
68) m/p-Xylenes	10.299	106	283842	41.145	ug/l	100
69) o-Xylene	10.640	106	135964	20.404	ug/l	98
70) Styrene	10.653	104	238046	20.880	ug/l	99
71) Bromoform	10.799	173	55862	20.906	ug/l #	99
73) Isopropylbenzene	10.957	105	357494	20.002	ug/l	99
74) N-amyl acetate	10.842	43	127447	20.985	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	104073	21.177	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	83822m	21.337	ug/l	
77) Bromobenzene	11.195	156	90943	20.428	ug/l	99
78) n-propylbenzene	11.299	91	430529	19.977	ug/l	100
79) 2-Chlorotoluene	11.360	91	254524	20.002	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	297754	20.503	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	28527	19.487	ug/l	96
82) 4-Chlorotoluene	11.451	91	299605	20.403	ug/l	99
83) tert-Butylbenzene	11.713	119	302234	20.150	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	303468	20.674	ug/l	97
85) sec-Butylbenzene	11.890	105	373496	19.750	ug/l	100
86) p-Isopropyltoluene	12.006	119	316172	19.965	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	169043	20.303	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	172241	19.878	ug/l	98
89) n-Butylbenzene	12.329	91	292611	19.664	ug/l	99
90) Hexachloroethane	12.536	117	52611	18.740	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	165197	20.475	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17864	20.783	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	110455	20.152	ug/l	99
94) Hexachlorobutadiene	13.719	225	40113	19.405	ug/l	98
95) Naphthalene	13.774	128	302190	20.922	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	105795	20.428	ug/l	100

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

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