

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070725\
 Data File : VX046900.D
 Acq On : 07 Jul 2025 12:25
 Operator : JC/MD
 Sample : Q2126-07 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jul 08 04:50:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 08 04:37:37 2025
 Response via : Initial Calibration

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

Internal Standards						07/08/2025
1) Pentafluorobenzene	5.562	168	373391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	627086	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	574244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	292532	50.000	ug/l	0.00
System Monitoring Compounds						07/08/2025
33) 1,2-Dichloroethane-d4	5.964	65	248563	50.389	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.780%
35) Dibromofluoromethane	5.397	113	206686	48.556	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.120%
50) Toluene-d8	8.647	98	725860	48.331	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.660%
62) 4-Bromofluorobenzene	11.079	95	287687	50.402	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	2275	0.637	ug/l	90
3) Chloromethane	1.307	50	2956	0.758	ug/l	92
4) Vinyl Chloride	1.392	62	2869	0.675	ug/l #	88
5) Bromomethane	1.630	94	2484	0.910	ug/l	84
6) Chloroethane	1.709	64	2127	0.758	ug/l	99
7) Trichlorofluoromethane	1.904	101	4322	0.658	ug/l	88
8) Diethyl Ether	2.148	74	1801	0.770	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.349	101	2593	0.619	ug/l	93
10) Methyl Iodide	2.471	142	3420	0.750	ug/l	94
11) Tert butyl alcohol	2.959	59	1182	3.654	ug/l #	72
12) 1,1-Dichloroethene	2.331	96	2741	0.677	ug/l #	73
13) Acrolein	2.252	56	1761	4.558	ug/l	89
14) Allyl chloride	2.684	41	5190	0.720	ug/l #	94
15) Acrylonitrile	3.087	53	5952	3.182	ug/l #	90
16) Acetone	2.392	43	6152	4.015	ug/l #	81
17) Carbon Disulfide	2.532	76	7862	0.740	ug/l #	89
18) Methyl Acetate	2.721	43	3170	0.785	ug/l #	75
19) Methyl tert-butyl Ether	3.123	73	7449	0.651	ug/l #	85
20) Methylene Chloride	2.806	84	4081	0.901	ug/l	89
21) trans-1,2-Dichloroethene	3.105	96	2820	0.681	ug/l #	80
22) Diisopropyl ether	3.776	45	9047	0.650	ug/l #	64
23) Vinyl Acetate	3.751	43	31958	3.063	ug/l	98
24) 1,1-Dichloroethane	3.617	63	5421	0.683	ug/l	98
25) 2-Butanone	4.623	43	6733m	3.294	ug/l	
26) 2,2-Dichloropropane	4.489	77	4106	0.695	ug/l	91
27) cis-1,2-Dichloroethene	4.513	96	3399	0.672	ug/l	92
28) Bromochloromethane	4.928	49	2641	0.674	ug/l #	92
29) Tetrahydrofuran	5.031	42	4754m	3.648	ug/l	
30) Chloroform	5.117	83	5575	0.687	ug/l	99
31) Cyclohexane	5.477	56	5308	0.753	ug/l #	75
32) 1,1,1-Trichloroethane	5.397	97	4780	0.705	ug/l #	52
36) 1,1-Dichloropropene	5.708	75	4539	0.790	ug/l	87
37) Ethyl Acetate	4.800	43	4625m	0.946	ug/l	
38) Carbon Tetrachloride	5.684	117	4460m	0.735	ug/l	
39) Methylcyclohexane	7.391	83	5098	0.710	ug/l	95
40) Benzene	6.043	78	11920	0.686	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.964	41	1564m	0.599	ug/l	
42) 1,2-Dichloroethane	6.098	62	4946	0.838	ug/l	
43) Isopropyl Acetate	6.373	43	4664	0.622	ug/l #	
44) Trichloroethene	7.141	130	3423	0.757	ug/l	
45) 1,2-Dichloropropane	7.440	63	2762	0.629	ug/l	
46) Dibromomethane	7.592	93	2194	0.722	ug/l	
47) Bromodichloromethane	7.836	83	4176	0.643	ug/l #	
48) Methyl methacrylate	7.738	41	2530	0.654	ug/l #	
49) 1,4-Dioxane	7.690	88	309	6.893	ug/l #	
51) 4-Methyl-2-Pentanone	8.580	43	13689	3.096	ug/l	
52) Toluene	8.720	92	7532	0.700	ug/l	
53) t-1,3-Dichloropropene	8.994	75	3442	0.594	ug/l #	
54) cis-1,3-Dichloropropene	8.378	75	3838	0.580	ug/l #	
55) 1,1,2-Trichloroethane	9.159	97	2891	0.721	ug/l	
56) Ethyl methacrylate	9.134	69	3696	0.666	ug/l #	
57) 1,3-Dichloropropane	9.317	76	4956	0.718	ug/l	
58) 2-Chloroethyl Vinyl ether	8.257	63	8909	2.849	ug/l	
59) 2-Hexanone	9.445	43	8485	2.893	ug/l	
60) Dibromochloromethane	9.525	129	3152	0.657	ug/l	
61) 1,2-Dibromoethane	9.616	107	2308	0.573	ug/l	
64) Tetrachloroethene	9.275	164	2851	0.746	ug/l #	
65) Chlorobenzene	10.079	112	9341	0.752	ug/l	
66) 1,1,1,2-Tetrachloroethane	10.159	131	2695	0.646	ug/l #	
67) Ethyl Benzene	10.201	91	14755	0.694	ug/l	
68) m/p-Xylenes	10.305	106	10605	1.324	ug/l	
69) o-Xylene	10.646	106	4870	0.629	ug/l	
70) Styrene	10.665	104	7798	0.589	ug/l	
71) Bromoform	10.799	173	2226	0.717	ug/l #	
73) Isopropylbenzene	10.963	105	13017	0.633	ug/l	
74) N-amyl acetate	10.854	43	3760	0.538	ug/l	
75) 1,1,2,2-Tetrachloroethane	11.207	83	3928	0.695	ug/l	
76) 1,2,3-Trichloropropane	11.244	75	2371m	0.525	ug/l	
77) Bromobenzene	11.201	156	3309	0.646	ug/l	
78) n-propylbenzene	11.305	91	15949	0.643	ug/l	
79) 2-Chlorotoluene	11.366	91	10801	0.738	ug/l	
80) 1,3,5-Trimethylbenzene	11.451	105	11037	0.661	ug/l	
81) trans-1,4-Dichloro-2-b...	11.030	75	850m	0.505	ug/l	
82) 4-Chlorotoluene	11.457	91	11658	0.690	ug/l	
83) tert-Butylbenzene	11.713	119	11333	0.657	ug/l	
84) 1,2,4-Trimethylbenzene	11.756	105	10752	0.637	ug/l	
85) sec-Butylbenzene	11.890	105	14606	0.671	ug/l	
86) p-Isopropyltoluene	12.006	119	11396	0.625	ug/l	
87) 1,3-Dichlorobenzene	11.969	146	7156	0.747	ug/l	
88) 1,4-Dichlorobenzene	12.042	146	7722m	0.775	ug/l	
89) n-Butylbenzene	12.335	91	9324	0.545	ug/l	
90) Hexachloroethane	12.536	117	2040	0.632	ug/l	
91) 1,2-Dichlorobenzene	12.341	146	6105	0.658	ug/l	
92) 1,2-Dibromo-3-Chloropr...	12.945	75	558	0.564	ug/l	
93) 1,2,4-Trichlorobenzene	13.591	180	3914	0.621	ug/l	
94) Hexachlorobutadiene	13.719	225	1648	0.693	ug/l	
95) Naphthalene	13.780	128	9015	0.542	ug/l #	
96) 1,2,3-Trichlorobenzene	13.963	180	4163	0.699	ug/l	

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

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

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Dadoda

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