

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
 Data File : VX047213.D
 Acq On : 01 Aug 2025 17:46
 Operator : JC/MD
 Sample : VX0801WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/04/2025
 Supervised By : Mahesh Dadoda 08/04/2025

Quant Time: Aug 02 00:29:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	259686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	442695	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	398982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	200169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	150149	46.416	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.840%		
35) Dibromofluoromethane	5.397	113	129557	47.399	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.800%		
50) Toluene-d8	8.653	98	389710	44.026	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.060%#		
62) 4-Bromofluorobenzene	11.079	95	184900	48.471	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	60253	17.468	ug/l	97
3) Chloromethane	1.313	50	58272	17.079	ug/l	98
4) Vinyl Chloride	1.392	62	62356	17.001	ug/l #	86
5) Bromomethane	1.630	94	28296	14.202	ug/l	98
6) Chloroethane	1.709	64	38795	16.105	ug/l	100
7) Trichlorofluoromethane	1.910	101	97627	17.851	ug/l	99
8) Diethyl Ether	2.148	74	33909	17.585	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	59551	18.073	ug/l	99
10) Methyl Iodide	2.471	142	69298	20.636	ug/l	98
11) Tert butyl alcohol	2.953	59	26577	62.569	ug/l	96
12) 1,1-Dichloroethene	2.337	96	56298	17.251	ug/l	97
13) Acrolein	2.252	56	37961	54.501	ug/l	97
14) Allyl chloride	2.678	41	89133	15.109	ug/l	92
15) Acrylonitrile	3.081	53	131712	85.372	ug/l	99
16) Acetone	2.386	43	106148	81.911	ug/l	98
17) Carbon Disulfide	2.532	76	151063	16.000	ug/l	100
18) Methyl Acetate	2.715	43	72798	21.139	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	178957	18.018	ug/l	99
20) Methylene Chloride	2.806	84	61634	17.288	ug/l	96
21) trans-1,2-Dichloroethene	3.105	96	58514	17.521	ug/l	98
22) Diisopropyl ether	3.770	45	213389	18.814	ug/l	97
23) Vinyl Acetate	3.733	43	795429	87.439	ug/l	99
24) 1,1-Dichloroethane	3.623	63	115936	18.382	ug/l	99
25) 2-Butanone	4.568	43	153579	81.391	ug/l	96
26) 2,2-Dichloropropane	4.489	77	85720	17.558	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	70975	17.947	ug/l	99
28) Bromochloromethane	4.916	49	59704	20.576	ug/l	99
29) Tetrahydrofuran	5.019	42	95036	78.060	ug/l	97
30) Chloroform	5.111	83	121808	18.973	ug/l	94
31) Cyclohexane	5.483	56	102338	16.923	ug/l	95
32) 1,1,1-Trichloroethane	5.403	97	102001	18.292	ug/l	99
36) 1,1-Dichloropropene	5.708	75	80888	17.361	ug/l	99
37) Ethyl Acetate	4.727	43	68966	16.064	ug/l	99
38) Carbon Tetrachloride	5.690	117	90072	18.113	ug/l	96
39) Methylcyclohexane	7.391	83	96344	16.562	ug/l	98
40) Benzene	6.050	78	244166	18.108	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	37324	16.627	ug/l	97
42) 1,2-Dichloroethane	6.092	62	89503	18.844	ug/l	98
43) Isopropyl Acetate	6.348	43	115849	17.309	ug/l	99
44) Trichloroethene	7.135	130	59727	17.274	ug/l	97
45) 1,2-Dichloropropane	7.434	63	62136	18.399	ug/l	98
46) Dibromomethane	7.586	93	43553	18.390	ug/l	99
47) Bromodichloromethane	7.824	83	93931	18.634	ug/l	98
48) Methyl methacrylate	7.696	41	58992	16.179	ug/l	96
49) 1,4-Dioxane	7.714	88	12735	307.087	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	333303	83.781	ug/l	99
52) Toluene	8.720	92	150389	18.139	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	84318	17.714	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	92482	17.752	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	59576	19.161	ug/l	98
56) Ethyl methacrylate	9.116	69	82913	18.013	ug/l	100
57) 1,3-Dichloropropane	9.311	76	101020	18.694	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	227197	88.698	ug/l	100
59) 2-Hexanone	9.433	43	229434	87.291	ug/l	98
60) Dibromochloromethane	9.519	129	68077	18.668	ug/l	99
61) 1,2-Dibromoethane	9.610	107	57627	17.725	ug/l	97
64) Tetrachloroethene	9.275	164	51675	17.966	ug/l	96
65) Chlorobenzene	10.079	112	171035	18.299	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	57264	18.197	ug/l	99
67) Ethyl Benzene	10.195	91	298703	18.278	ug/l	99
68) m/p-Xylenes	10.299	106	222804	36.431	ug/l	98
69) o-Xylene	10.640	106	107275	18.438	ug/l	99
70) Styrene	10.653	104	185114	18.555	ug/l	100
71) Bromoform	10.799	173	41874	17.517	ug/l #	99
73) Isopropylbenzene	10.957	105	287091	18.179	ug/l	100
74) N-amyl acetate	10.842	43	102621	16.105	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	81088	17.976	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	62085m	16.757	ug/l	
77) Bromobenzene	11.195	156	69165	18.260	ug/l	99
78) n-propylbenzene	11.299	91	345310	18.298	ug/l	100
79) 2-Chlorotoluene	11.360	91	204969	18.170	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	238592	18.288	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9969	6.932	ug/l	90
82) 4-Chlorotoluene	11.451	91	245441	18.641	ug/l	100
83) tert-Butylbenzene	11.713	119	241845	18.469	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	244098	18.758	ug/l	99
85) sec-Butylbenzene	11.890	105	301227	18.411	ug/l	99
86) p-Isopropyltoluene	12.006	119	250223	18.442	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	133085	18.491	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	133290	18.280	ug/l	98
89) n-Butylbenzene	12.329	91	231310	18.179	ug/l	100
90) Hexachloroethane	12.536	117	42526	17.520	ug/l	94
91) 1,2-Dichlorobenzene	12.329	146	126607	18.406	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14743	17.027	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	83434	18.358	ug/l	99
94) Hexachlorobutadiene	13.719	225	30435	19.691	ug/l	95
95) Naphthalene	13.774	128	235284	17.660	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	77342	17.665	ug/l	96

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

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