

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082625\
 Data File : VX047526.D
 Acq On : 26 Aug 2025 11:37
 Operator : JC/MD
 Sample : VX0826WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0826WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/27/2025
 Supervised By : Mahesh Dadoda 08/27/2025

Quant Time: Aug 27 01:33:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	230650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	403364	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	371912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	187800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	175938	54.503	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.000%	
35) Dibromofluoromethane	5.391	113	140074	53.507	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.020%	
50) Toluene-d8	8.647	98	478216	51.108	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.220%	
62) 4-Bromofluorobenzene	11.079	95	188913	54.711	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.420%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	45565	15.497	ug/l	98
3) Chloromethane	1.307	50	40622	15.358	ug/l	98
4) Vinyl Chloride	1.392	62	51098	15.391	ug/l	97
5) Bromomethane	1.630	94	24485	18.259	ug/l	100
6) Chloroethane	1.703	64	31591	15.553	ug/l	95
7) Trichlorofluoromethane	1.904	101	78070	15.898	ug/l	97
8) Diethyl Ether	2.148	74	30590	17.691	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	48216	16.926	ug/l	99
10) Methyl Iodide	2.471	142	59212	12.130	ug/l	95
11) Tert butyl alcohol	2.959	59	30185	107.489	ug/l	100
12) 1,1-Dichloroethene	2.337	96	47697	16.424	ug/l	99
13) Acrolein	2.245	56	49374	83.290	ug/l	100
14) Allyl chloride	2.678	41	86338	17.117	ug/l	99
15) Acrylonitrile	3.081	53	127679	94.091	ug/l	99
16) Acetone	2.392	43	118936	98.023	ug/l	99
17) Carbon Disulfide	2.526	76	126492	14.434	ug/l	99
18) Methyl Acetate	2.715	43	68253	21.707	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	165135	18.692	ug/l	98
20) Methylene Chloride	2.800	84	57080	17.766	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	51424	16.684	ug/l	97
22) Diisopropyl ether	3.770	45	191276	19.184	ug/l	96
23) Vinyl Acetate	3.733	43	746784	91.382	ug/l	100
24) 1,1-Dichloroethane	3.623	63	100434	17.822	ug/l	98
25) 2-Butanone	4.568	43	160419	100.950	ug/l	99
26) 2,2-Dichloropropane	4.489	77	73779	17.346	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	63967	17.818	ug/l	99
28) Bromochloromethane	4.910	49	55757	23.776	ug/l	99
29) Tetrahydrofuran	5.025	42	93693	91.221	ug/l	98
30) Chloroform	5.105	83	104284	18.132	ug/l	92
31) Cyclohexane	5.483	56	84375	16.242	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	84722	17.114	ug/l	98
36) 1,1-Dichloropropene	5.702	75	66939	16.198	ug/l	99
37) Ethyl Acetate	4.727	43	71443	16.653	ug/l	97
38) Carbon Tetrachloride	5.690	117	73259	16.222	ug/l	97
39) Methylcyclohexane	7.385	83	79688	15.459	ug/l	92
40) Benzene	6.044	78	212505	17.180	ug/l	100

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41) Methacrylonitrile	4.946	41	35825	19.802	ug/l	91
42) 1,2-Dichloroethane	6.092	62	80054	18.271	ug/l	100
43) Isopropyl Acetate	6.342	43	109204	17.719	ug/l	99
44) Trichloroethene	7.129	130	52283	16.507	ug/l	93
45) 1,2-Dichloropropane	7.434	63	55827	18.016	ug/l	95
46) Dibromomethane	7.580	93	40184	17.862	ug/l	99
47) Bromodichloromethane	7.824	83	83877	17.984	ug/l	100
48) Methyl methacrylate	7.696	41	57018	17.823	ug/l	99
49) 1,4-Dioxane	7.677	88	12488	401.551	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	337629	95.196	ug/l	97
52) Toluene	8.720	92	134264	17.566	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	74481	18.298	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	83275	18.075	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	54395	18.744	ug/l	96
56) Ethyl methacrylate	9.116	69	79129	18.494	ug/l	98
57) 1,3-Dichloropropane	9.305	76	93058	18.819	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	190414	98.440	ug/l	99
59) 2-Hexanone	9.427	43	232192	94.644	ug/l	99
60) Dibromochloromethane	9.519	129	63567	18.432	ug/l	100
61) 1,2-Dibromoethane	9.610	107	54957	18.365	ug/l	98
64) Tetrachloroethene	9.269	164	43850	16.301	ug/l	97
65) Chlorobenzene	10.079	112	152079	17.207	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	52231	17.482	ug/l	98
67) Ethyl Benzene	10.189	91	253874	16.690	ug/l	99
68) m/p-Xylenes	10.299	106	195564	34.479	ug/l	98
69) o-Xylene	10.640	106	95244	17.449	ug/l	97
70) Styrene	10.652	104	166633	18.067	ug/l	98
71) Bromoform	10.799	173	40463	18.028	ug/l #	99
73) Isopropylbenzene	10.957	105	248024	16.877	ug/l	100
74) N-amyl acetate	10.841	43	95861	17.177	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	78288	18.144	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	61181m	17.762	ug/l	
77) Bromobenzene	11.195	156	62009	17.279	ug/l	99
78) n-propylbenzene	11.299	91	293597	16.727	ug/l	99
79) 2-Chlorotoluene	11.360	91	179694	16.936	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	209093	17.292	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10658	19.199	ug/l	96
82) 4-Chlorotoluene	11.451	91	216120	17.280	ug/l	99
83) tert-Butylbenzene	11.713	119	209140	17.336	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	210715	17.426	ug/l	99
85) sec-Butylbenzene	11.890	105	262135	17.531	ug/l	99
86) p-Isopropyltoluene	12.006	119	219953	17.384	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	118920	17.346	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	120767	17.127	ug/l	98
89) n-Butylbenzene	12.329	91	203929	17.328	ug/l	100
90) Hexachloroethane	12.536	117	36883	16.616	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	117129	18.000	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14552	17.439	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	74196	17.008	ug/l	98
94) Hexachlorobutadiene	13.725	225	26080	16.795	ug/l	100
95) Naphthalene	13.774	128	219478	17.605	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	72260	17.573	ug/l	99

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

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