

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
 Data File : VX047222.D
 Acq On : 04 Aug 2025 12:21
 Operator : JC/MD
 Sample : VX0804WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/05/2025
 Supervised By : Mahesh Dadoda 08/05/2025

Quant Time: Aug 05 02:56:49 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	5.556	168	262763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	450706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	405178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	204485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159511	48.732	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.460%		
35) Dibromofluoromethane	5.391	113	136982	49.224	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.440%		
50) Toluene-d8	8.647	98	413213	45.851	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.700%#		
62) 4-Bromofluorobenzene	11.079	95	188612	48.565	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	69259	19.844	ug/l	98
3) Chloromethane	1.313	50	59716	17.297	ug/l	99
4) Vinyl Chloride	1.392	62	76535	20.623	ug/l	98
5) Bromomethane	1.630	94	37715	18.708	ug/l	95
6) Chloroethane	1.709	64	45619	18.716	ug/l	99
7) Trichlorofluoromethane	1.904	101	117742	21.277	ug/l	98
8) Diethyl Ether	2.148	74	40008	20.505	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.349	101	69764	20.925	ug/l	100
10) Methyl Iodide	2.471	142	90477	26.627	ug/l	97
11) Tert butyl alcohol	2.953	59	29930	70.850	ug/l	98
12) 1,1-Dichloroethene	2.337	96	66123	20.024	ug/l	97
13) Acrolein	2.245	56	50915	72.243	ug/l	99
14) Allyl chloride	2.678	41	110944	18.586	ug/l	95
15) Acrylonitrile	3.075	53	150301	96.280	ug/l	99
16) Acetone	2.386	43	129405	98.688	ug/l	99
17) Carbon Disulfide	2.526	76	166770	17.457	ug/l	100
18) Methyl Acetate	2.709	43	82032	23.541	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	207568	20.654	ug/l	95
20) Methylene Chloride	2.800	84	73754	20.445	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	69591	20.594	ug/l	99
22) Diisopropyl ether	3.763	45	250831	21.856	ug/l	99
23) Vinyl Acetate	3.727	43	915494	99.459	ug/l	100
24) 1,1-Dichloroethane	3.623	63	135386	21.215	ug/l	98
25) 2-Butanone	4.562	43	176719	92.557	ug/l	95
26) 2,2-Dichloropropane	4.483	77	103010	20.852	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	81991	20.490	ug/l	98
28) Bromochloromethane	4.904	49	62481	21.281	ug/l	99
29) Tetrahydrofuran	5.019	42	107500	87.263	ug/l	96
30) Chloroform	5.099	83	138949	21.390	ug/l	97
31) Cyclohexane	5.477	56	118202	19.317	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	120949	21.436	ug/l	98
36) 1,1-Dichloropropene	5.702	75	94407	19.902	ug/l	99
37) Ethyl Acetate	4.721	43	78286	17.910	ug/l	98
38) Carbon Tetrachloride	5.684	117	101256	20.000	ug/l	98
39) Methylcyclohexane	7.379	83	116499	19.670	ug/l	98
40) Benzene	6.044	78	280763	20.452	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	45138	19.750	ug/l #	89
42) 1,2-Dichloroethane	6.092	62	103608	21.425	ug/l	98
43) Isopropyl Acetate	6.342	43	132246	19.407	ug/l	99
44) Trichloroethene	7.129	130	70668	20.075	ug/l	98
45) 1,2-Dichloropropane	7.427	63	72334	21.038	ug/l	99
46) Dibromomethane	7.580	93	51047	21.172	ug/l	99
47) Bromodichloromethane	7.824	83	109158	21.270	ug/l	100
48) Methyl methacrylate	7.696	41	68972	18.580	ug/l	99
49) 1,4-Dioxane	7.720	88	15602	369.534	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	389489	96.164	ug/l	98
52) Toluene	8.714	92	178509	21.148	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	99886	20.611	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	109711	20.684	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	67436	21.303	ug/l	99
56) Ethyl methacrylate	9.116	69	94372	20.138	ug/l	98
57) 1,3-Dichloropropane	9.305	76	115754	21.040	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	228146	87.486	ug/l	99
59) 2-Hexanone	9.427	43	262933	98.258	ug/l	99
60) Dibromochloromethane	9.519	129	81036	21.827	ug/l	100
61) 1,2-Dibromoethane	9.610	107	66459	20.078	ug/l	98
64) Tetrachloroethene	9.275	164	57664	19.742	ug/l	96
65) Chlorobenzene	10.079	112	197600	20.818	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	67192	21.025	ug/l	99
67) Ethyl Benzene	10.189	91	344191	20.739	ug/l	98
68) m/p-Xylenes	10.299	106	256899	41.364	ug/l	99
69) o-Xylene	10.640	106	122103	20.666	ug/l	97
70) Styrene	10.652	104	213512	21.074	ug/l	99
71) Bromoform	10.799	173	49190	20.263	ug/l #	100
73) Isopropylbenzene	10.957	105	335529	20.798	ug/l	99
74) N-amyl acetate	10.841	43	117612	18.068	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	93153	20.215	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	73270m	19.358	ug/l	
77) Bromobenzene	11.195	156	79752	20.611	ug/l	99
78) n-propylbenzene	11.299	91	392502	20.360	ug/l	99
79) 2-Chlorotoluene	11.360	91	237650	20.622	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	275971	20.706	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	19612	13.350	ug/l	98
82) 4-Chlorotoluene	11.451	91	280484	20.852	ug/l	99
83) tert-Butylbenzene	11.713	119	276938	20.702	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	277233	20.854	ug/l	99
85) sec-Butylbenzene	11.890	105	349827	20.930	ug/l	99
86) p-Isopropyltoluene	12.006	119	288755	20.833	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	151878	20.657	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	152655	20.494	ug/l	97
89) n-Butylbenzene	12.329	91	270945	20.844	ug/l	98
90) Hexachloroethane	12.536	117	51705	20.852	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	146103	20.792	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	16577	18.740	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	97588	21.020	ug/l	97
94) Hexachlorobutadiene	13.725	225	33988	21.526	ug/l	96
95) Naphthalene	13.774	128	270632	19.884	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	91214	20.393	ug/l	99

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

