

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
 Data File : VX047205.D
 Acq On : 01 Aug 2025 14:52
 Operator : JC/MD
 Sample : VX0801WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801WBS01

Quant Time: Aug 02 00:24:48 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	260557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	443908	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.049	117	390421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	195696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	172712	53.212	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.420%			
35) Dibromofluoromethane	5.385	113	149965	54.715	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.440%			
50) Toluene-d8	8.647	98	447498	50.416	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.840%			
62) 4-Bromofluorobenzene	11.079	95	209915	54.878	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.760%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	61367	17.732	ug/l	99
3) Chloromethane	1.313	50	54343	15.874	ug/l	100
4) Vinyl Chloride	1.392	62	66573	18.090	ug/l	97
5) Bromomethane	1.630	94	34572	17.294	ug/l	97
6) Chloroethane	1.709	64	41286	17.082	ug/l	99
7) Trichlorofluoromethane	1.910	101	99939	18.212	ug/l	95
8) Diethyl Ether	2.142	74	34467	17.814	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	61842	18.706	ug/l	99
10) Methyl Iodide	2.465	142	83538	24.793	ug/l	96
11) Tert butyl alcohol	2.953	59	29133	69.350	ug/l	100
12) 1,1-Dichloroethene	2.337	96	57300	17.499	ug/l	96
13) Acrolein	2.245	56	57224	81.882	ug/l	100
14) Allyl chloride	2.678	41	97312	16.441	ug/l	93
15) Acrylonitrile	3.074	53	135185	87.330	ug/l	99
16) Acetone	2.386	43	137548	105.786	ug/l	99
17) Carbon Disulfide	2.532	76	149657	15.798	ug/l	100
18) Methyl Acetate	2.709	43	73659	21.317	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	182236	18.287	ug/l	99
20) Methylene Chloride	2.800	84	65087	18.195	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	58611	17.492	ug/l	91
22) Diisopropyl ether	3.763	45	220332	19.361	ug/l	98
23) Vinyl Acetate	3.727	43	825219	90.411	ug/l	100
24) 1,1-Dichloroethane	3.617	63	117661	18.593	ug/l	99
25) 2-Butanone	4.562	43	167320	88.377	ug/l	99
26) 2,2-Dichloropropane	4.489	77	94162	19.222	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	73981	18.645	ug/l	100
28) Bromochloromethane	4.903	49	51160	17.573	ug/l #	99
29) Tetrahydrofuran	5.013	42	99273	81.267	ug/l	97
30) Chloroform	5.092	83	122379	18.998	ug/l	100
31) Cyclohexane	5.483	56	107641	17.740	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	104280	18.638	ug/l	100
36) 1,1-Dichloropropene	5.702	75	82722	17.706	ug/l	99
37) Ethyl Acetate	4.721	43	73178	16.998	ug/l	100
38) Carbon Tetrachloride	5.684	117	91363	18.322	ug/l	94
39) Methylcyclohexane	7.379	83	103081	17.671	ug/l	98
40) Benzene	6.043	78	248626	18.388	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	4.922	41	37165	16.511	ug/l #	87
42) 1,2-Dichloroethane	6.092	62	90390	18.978	ug/l	98
43) Isopropyl Acetate	6.342	43	117876	17.564	ug/l	99
44) Trichloroethene	7.129	130	60976	17.587	ug/l	90
45) 1,2-Dichloropropane	7.427	63	62537	18.467	ug/l	99
46) Dibromomethane	7.580	93	45033	18.963	ug/l	98
47) Bromodichloromethane	7.818	83	95100	18.815	ug/l	95
48) Methyl methacrylate	7.696	41	61048	16.697	ug/l	100
49) 1,4-Dioxane	7.708	88	14382	345.854	ug/l	95
51) 4-Methyl-2-Pentanone	8.567	43	350162	87.778	ug/l	98
52) Toluene	8.714	92	153500	18.464	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	85377	17.887	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	97086	18.584	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	58129	18.644	ug/l	99
56) Ethyl methacrylate	9.116	69	85267	18.473	ug/l	98
57) 1,3-Dichloropropane	9.305	76	100185	18.489	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	180156	70.141	ug/l	100
59) 2-Hexanone	9.427	43	242484	92.004	ug/l	100
60) Dibromochloromethane	9.518	129	68817	18.820	ug/l	99
61) 1,2-Dibromoethane	9.604	107	59680	18.306	ug/l	99
64) Tetrachloroethene	9.275	164	51851	18.423	ug/l	97
65) Chlorobenzene	10.079	112	172306	18.839	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	58850	19.111	ug/l	98
67) Ethyl Benzene	10.189	91	304743	19.056	ug/l	99
68) m/p-Xylenes	10.299	106	227424	38.002	ug/l	100
69) o-Xylene	10.640	106	110208	19.358	ug/l	99
70) Styrene	10.652	104	189366	19.398	ug/l	100
71) Bromoform	10.799	173	43915	18.774	ug/l #	99
73) Isopropylbenzene	10.957	105	295890	19.165	ug/l	99
74) N-amyl acetate	10.841	43	104726	16.811	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	81720	18.530	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	63811m	17.616	ug/l	
77) Bromobenzene	11.195	156	70187	18.953	ug/l	99
78) n-propylbenzene	11.299	91	351150	19.033	ug/l	100
79) 2-Chlorotoluene	11.360	91	207734	18.836	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	241126	18.904	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	14112	10.037	ug/l	94
82) 4-Chlorotoluene	11.451	91	245026	19.034	ug/l	100
83) tert-Butylbenzene	11.713	119	246830	19.280	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	243945	19.175	ug/l	99
85) sec-Butylbenzene	11.884	105	317442	19.845	ug/l	99
86) p-Isopropyltoluene	12.006	119	260299	19.623	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	134900	19.172	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	133705	18.756	ug/l	99
89) n-Butylbenzene	12.329	91	247757	19.916	ug/l	99
90) Hexachloroethane	12.536	117	44425	18.721	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	129674	19.283	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14701	17.366	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	86373	19.440	ug/l	100
94) Hexachlorobutadiene	13.719	225	33724	22.318	ug/l	95
95) Naphthalene	13.774	128	243201	18.671	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	82867	19.359	ug/l	99

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

