

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073125\
 Data File : VX047198.D
 Acq On : 31 Jul 2025 13:00
 Operator : JC/MD
 Sample : VX0731WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS02

Quant Time: Aug 01 01:50:30 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 08/01/2025
 Supervised By : Mahesh Dadoda 08/01/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	288479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	487110	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	434987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	216644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	178356	49.632	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.260%		
35) Dibromofluoromethane	5.397	113	152397	50.671	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.340%		
50) Toluene-d8	8.653	98	464507	47.691	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.380%		
62) 4-Bromofluorobenzene	11.079	95	217751	51.878	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	69466	18.129	ug/l	99
3) Chloromethane	1.313	50	62585	16.512	ug/l	97
4) Vinyl Chloride	1.392	62	75387	18.503	ug/l	95
5) Bromomethane	1.630	94	34466	15.573	ug/l	94
6) Chloroethane	1.709	64	44487	16.624	ug/l	98
7) Trichlorofluoromethane	1.910	101	111143	18.294	ug/l	98
8) Diethyl Ether	2.148	74	38269	17.865	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	67826	18.530	ug/l	100
10) Methyl Iodide	2.471	142	75983	20.368	ug/l	96
11) Tert butyl alcohol	2.959	59	45166	101.403	ug/l	99
12) 1,1-Dichloroethene	2.337	96	64019	17.659	ug/l	98
13) Acrolein	2.252	56	38462	49.708	ug/l	97
14) Allyl chloride	2.684	41	104852	16.000	ug/l	96
15) Acrylonitrile	3.081	53	172560	100.685	ug/l	100
16) Acetone	2.392	43	150148	104.300	ug/l	99
17) Carbon Disulfide	2.532	76	176779	16.855	ug/l	99
18) Methyl Acetate	2.715	43	93585	24.463	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	219616	19.905	ug/l	97
20) Methylene Chloride	2.806	84	72135	18.214	ug/l	95
21) trans-1,2-Dichloroethene	3.111	96	66321	17.877	ug/l	95
22) Diisopropyl ether	3.776	45	247695	19.659	ug/l	88
23) Vinyl Acetate	3.733	43	993278	98.290	ug/l	99
24) 1,1-Dichloroethane	3.629	63	129788	18.525	ug/l	99
25) 2-Butanone	4.568	43	219899	104.906	ug/l	99
26) 2,2-Dichloropropane	4.495	77	101714	18.754	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	80870	18.408	ug/l	99
28) Bromochloromethane	4.916	49	54901	17.033	ug/l	100
29) Tetrahydrofuran	5.019	42	137625	101.759	ug/l	98
30) Chloroform	5.111	83	135881	19.053	ug/l	99
31) Cyclohexane	5.483	56	118636	17.660	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	117835	19.022	ug/l	99
36) 1,1-Dichloropropene	5.708	75	91367	17.822	ug/l	99
37) Ethyl Acetate	4.727	43	103309	21.869	ug/l	95
38) Carbon Tetrachloride	5.690	117	100617	18.388	ug/l	94
39) Methylcyclohexane	7.385	83	115420	18.032	ug/l	96
40) Benzene	6.050	78	278785	18.790	ug/l	98

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41) Methacrylonitrile	4.928	41	47769	19.340	ug/l	93
42) 1,2-Dichloroethane	6.098	62	101851	19.488	ug/l	98
43) Isopropyl Acetate	6.348	43	152673	20.731	ug/l	99
44) Trichloroethene	7.135	130	69456	18.256	ug/l	94
45) 1,2-Dichloropropane	7.434	63	70316	18.923	ug/l	98
46) Dibromomethane	7.586	93	52410	20.113	ug/l	97
47) Bromodichloromethane	7.824	83	107133	19.315	ug/l	96
48) Methyl methacrylate	7.696	41	79909	19.918	ug/l	98
49) 1,4-Dioxane	7.726	88	21242	465.517	ug/l	91
51) 4-Methyl-2-Pentanone	8.574	43	472721	107.991	ug/l	99
52) Toluene	8.720	92	176326	19.328	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	100028	19.098	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	109720	19.140	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	67703	19.789	ug/l	99
56) Ethyl methacrylate	9.116	69	103471	20.429	ug/l	97
57) 1,3-Dichloropropane	9.311	76	115675	19.454	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	261119	92.646	ug/l	99
59) 2-Hexanone	9.433	43	326046	112.738	ug/l	100
60) Dibromochloromethane	9.519	129	78465	19.555	ug/l	99
61) 1,2-Dibromoethane	9.610	107	69008	19.290	ug/l	99
64) Tetrachloroethene	9.275	164	55375	17.659	ug/l	95
65) Chlorobenzene	10.079	112	193231	18.962	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	65575	19.113	ug/l	99
67) Ethyl Benzene	10.195	91	338194	18.981	ug/l	99
68) m/p-Xylenes	10.299	106	253049	37.952	ug/l	100
69) o-Xylene	10.640	106	122575	19.324	ug/l	100
70) Styrene	10.653	104	211561	19.451	ug/l	100
71) Bromoform	10.799	173	50988	19.564	ug/l #	100
73) Isopropylbenzene	10.963	105	331180	19.376	ug/l	99
74) N-amyl acetate	10.842	43	136187	19.748	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	101056	20.699	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	78792m	19.649	ug/l	
77) Bromobenzene	11.195	156	77694	18.952	ug/l	100
78) n-propylbenzene	11.305	91	392058	19.195	ug/l	99
79) 2-Chlorotoluene	11.360	91	232975	19.082	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	275153	19.486	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18750	12.047	ug/l	94
82) 4-Chlorotoluene	11.451	91	276735	19.419	ug/l	100
83) tert-Butylbenzene	11.713	119	273034	19.265	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	276215	19.612	ug/l	100
85) sec-Butylbenzene	11.890	105	349822	19.755	ug/l	100
86) p-Isopropyltoluene	12.006	119	293724	20.002	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	150846	19.365	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	152318	19.301	ug/l	97
89) n-Butylbenzene	12.329	91	276500	20.078	ug/l	98
90) Hexachloroethane	12.536	117	49743	18.935	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	144823	19.453	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20383	21.750	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	96645	19.648	ug/l	99
94) Hexachlorobutadiene	13.725	225	36668	21.920	ug/l	95
95) Naphthalene	13.774	128	302636	20.988	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	93126	19.652	ug/l	97

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

