

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
 Data File : VX046639.D
 Acq On : 11 Jun 2025 15:58
 Operator : JC/MD
 Sample : VX0611WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS02

Quant Time: Jun 12 02:30:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/12/2025
 Supervised By : Mahesh Dadoda 06/12/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	79398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	136732	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	62097	43.960	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.920%		
35) Dibromofluoromethane	5.403	113	48061	47.797	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.600%		
50) Toluene-d8	8.653	98	156454	47.195	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.380%		
62) 4-Bromofluorobenzene	11.079	95	66562	48.529	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.060%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	18394	16.687	ug/l	99
3) Chloromethane	1.307	50	15963	15.910	ug/l	97
4) Vinyl Chloride	1.386	62	16348	16.345	ug/l	98
5) Bromomethane	1.624	94	7595	12.509	ug/l	87
6) Chloroethane	1.703	64	11674m	17.990	ug/l	
7) Trichlorofluoromethane	1.904	101	27390	16.552	ug/l	100
8) Diethyl Ether	2.154	74	10628	18.177	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.349	101	19463	18.668	ug/l	96
10) Methyl Iodide	2.471	142	17332	15.335	ug/l	96
11) Tert butyl alcohol	2.977	59	14234	90.811	ug/l	100
12) 1,1-Dichloroethene	2.337	96	17506	18.571	ug/l	98
13) Acrolein	2.252	56	18224	114.600	ug/l	99
14) Allyl chloride	2.684	41	34592	18.685	ug/l	94
15) Acrylonitrile	3.081	53	59026	99.599	ug/l	98
16) Acetone	2.392	43	52377	97.283	ug/l	96
17) Carbon Disulfide	2.532	76	34376	17.308	ug/l	99
18) Methyl Acetate	2.721	43	35991	21.391	ug/l	98
19) Methyl tert-butyl Ether	3.129	73	65364	19.817	ug/l	97
20) Methylene Chloride	2.806	84	21399	18.883	ug/l	90
21) trans-1,2-Dichloroethene	3.111	96	18113	18.157	ug/l	99
22) Diisopropyl ether	3.782	45	72174	19.774	ug/l #	78
23) Vinyl Acetate	3.739	43	277051	98.316	ug/l	99
24) 1,1-Dichloroethane	3.635	63	39252	19.296	ug/l	99
25) 2-Butanone	4.574	43	77024	97.951	ug/l	98
26) 2,2-Dichloropropane	4.495	77	29063	19.245	ug/l	97
27) cis-1,2-Dichloroethene	4.507	96	24101	19.625	ug/l	94
28) Bromochloromethane	4.916	49	20247	20.868	ug/l	99
29) Tetrahydrofuran	5.025	42	47052	94.747	ug/l	97
30) Chloroform	5.111	83	42286	19.839	ug/l	98
31) Cyclohexane	5.489	56	30482	18.562	ug/l	96
32) 1,1,1-Trichloroethane	5.403	97	35963	19.725	ug/l	96
36) 1,1-Dichloropropene	5.708	75	26155	18.210	ug/l	99
37) Ethyl Acetate	4.733	43	30379	21.671	ug/l	99
38) Carbon Tetrachloride	5.696	117	30021	18.661	ug/l	97
39) Methylcyclohexane	7.391	83	29760	17.554	ug/l	95
40) Benzene	6.056	78	79373	19.630	ug/l	100

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41) Methacrylonitrile	4.940	41	16254	18.672	ug/l	92
42) 1,2-Dichloroethane	6.098	62	32150	19.112	ug/l	96
43) Isopropyl Acetate	6.354	43	48194	19.720	ug/l	99
44) Trichloroethene	7.135	130	19685	19.160	ug/l	97
45) 1,2-Dichloropropane	7.434	63	21637	20.731	ug/l	98
46) Dibromomethane	7.592	93	15586	19.851	ug/l	97
47) Bromodichloromethane	7.830	83	33270	20.608	ug/l	98
48) Methyl methacrylate	7.702	41	24852	19.765	ug/l	95
49) 1,4-Dioxane	7.671	88	6382	379.544	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	163442	105.244	ug/l	100
52) Toluene	8.720	92	50204	20.210	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	28921	19.980	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	32006	19.887	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	21703	21.763	ug/l	98
56) Ethyl methacrylate	9.122	69	31509	20.532	ug/l	96
57) 1,3-Dichloropropane	9.311	76	35983	20.418	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	88166	105.474	ug/l	99
59) 2-Hexanone	9.433	43	115060	103.306	ug/l	98
60) Dibromochloromethane	9.525	129	24066	20.516	ug/l	98
61) 1,2-Dibromoethane	9.610	107	21076	20.281	ug/l	96
64) Tetrachloroethene	9.275	164	15135	18.025	ug/l	96
65) Chlorobenzene	10.079	112	57335	19.415	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	20729	20.772	ug/l	99
67) Ethyl Benzene	10.195	91	99024	19.208	ug/l	98
68) m/p-Xylenes	10.299	106	74956	40.080	ug/l	98
69) o-Xylene	10.640	106	36413	20.130	ug/l	100
70) Styrene	10.653	104	64851	20.944	ug/l	97
71) Bromoform	10.799	173	15814	20.783	ug/l #	99
73) Isopropylbenzene	10.963	105	99709	19.062	ug/l	99
74) N-amyl acetate	10.841	43	41919	18.198	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	33081	19.758	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	26532m	18.824	ug/l	
77) Bromobenzene	11.195	156	23318	19.206	ug/l	96
78) n-propylbenzene	11.305	91	118948	18.787	ug/l	100
79) 2-Chlorotoluene	11.366	91	71722	18.786	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	82556	18.940	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8445	17.284	ug/l	99
82) 4-Chlorotoluene	11.451	91	83845	18.528	ug/l	96
83) tert-Butylbenzene	11.713	119	85087	19.176	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	84799	19.231	ug/l	100
85) sec-Butylbenzene	11.890	105	110228	19.333	ug/l	100
86) p-Isopropyltoluene	12.006	119	89892	18.912	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	44656	18.941	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	45863	18.773	ug/l	98
89) n-Butylbenzene	12.329	91	85456	18.308	ug/l	99
90) Hexachloroethane	12.536	117	15011	17.769	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	44193	19.419	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6962	18.569	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	28946	18.645	ug/l	100
94) Hexachlorobutadiene	13.725	225	12700	17.603	ug/l	98
95) Naphthalene	13.774	128	94270	19.148	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	28547	18.338	ug/l	98

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

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