

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046287.D
 Acq On : 21 May 2025 11:09
 Operator : JC/MD
 Sample : VX0521WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

Quant Time: May 22 01:45:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/22/2025
 Supervised By : Mahesh Dadoda 05/22/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	83102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	146697	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	130479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83120	53.650	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.300%			
35) Dibromofluoromethane	5.379	113	57372	54.310	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.620%			
50) Toluene-d8	8.647	98	191524	52.383	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.760%			
62) 4-Bromofluorobenzene	11.079	95	77180	55.031	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25585	20.115	ug/l	99
3) Chloromethane	1.307	50	24302	19.702	ug/l	96
4) Vinyl Chloride	1.374	62	21796	18.987	ug/l	100
5) Bromomethane	1.593	94	10421	19.572	ug/l	100
6) Chloroethane	1.666	64	12767	20.833	ug/l	97
7) Trichlorofluoromethane	1.874	101	34095	20.096	ug/l	98
8) Diethyl Ether	2.136	74	10749	18.611	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	20578	19.599	ug/l	97
10) Methyl Iodide	2.441	142	22245	17.906	ug/l	98
11) Tert butyl alcohol	2.983	59	23847	109.655	ug/l	97
12) 1,1-Dichloroethene	2.307	96	18532	18.807	ug/l	93
13) Acrolein	2.239	56	25808	104.204	ug/l	99
14) Allyl chloride	2.660	41	38072	20.216	ug/l	98
15) Acrylonitrile	3.062	53	66609	107.114	ug/l	99
16) Acetone	2.386	43	63974	102.986	ug/l	100
17) Carbon Disulfide	2.502	76	36554	15.647	ug/l	99
18) Methyl Acetate	2.703	43	35517	24.639	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	71064	20.570	ug/l	99
20) Methylene Chloride	2.782	84	23422	19.676	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	19275	19.451	ug/l	99
22) Diisopropyl ether	3.764	45	76439	21.013	ug/l	97
23) Vinyl Acetate	3.721	43	322692	100.856	ug/l	99
24) 1,1-Dichloroethane	3.605	63	42066	20.762	ug/l	99
25) 2-Butanone	4.562	43	97290	107.880	ug/l	99
26) 2,2-Dichloropropane	4.471	77	31778	20.038	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	23744	19.904	ug/l	97
28) Bromochloromethane	4.891	49	22159	22.721	ug/l	99
29) Tetrahydrofuran	5.007	42	60349	106.791	ug/l	98
30) Chloroform	5.093	83	44097	20.880	ug/l	99
31) Cyclohexane	5.458	56	34669	18.777	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	37552	20.513	ug/l	100
36) 1,1-Dichloropropene	5.690	75	27419	19.318	ug/l	99
37) Ethyl Acetate	4.721	43	34479	19.662	ug/l	99
38) Carbon Tetrachloride	5.666	117	32466	20.358	ug/l	97
39) Methylcyclohexane	7.373	83	33218	18.179	ug/l	93
40) Benzene	6.031	78	84417	20.305	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	20114	21.927	ug/l	98
42) 1,2-Dichloroethane	6.086	62	37731	21.028	ug/l	100
43) Isopropyl Acetate	6.342	43	55970	20.922	ug/l	99
44) Trichloroethene	7.123	130	20154	20.142	ug/l	100
45) 1,2-Dichloropropane	7.428	63	21399	20.700	ug/l	97
46) Dibromomethane	7.580	93	16727	20.515	ug/l	99
47) Bromodichloromethane	7.818	83	33537	20.884	ug/l	94
48) Methyl methacrylate	7.696	41	29912	21.893	ug/l	96
49) 1,4-Dioxane	7.665	88	11979	461.769	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	197911	111.451	ug/l	97
52) Toluene	8.714	92	52243	20.494	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	28454	19.935	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	32181	20.399	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	21758	21.646	ug/l	98
56) Ethyl methacrylate	9.116	69	34485	21.526	ug/l	98
57) 1,3-Dichloropropane	9.305	76	37670	20.867	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	90048	110.253	ug/l	98
59) 2-Hexanone	9.427	43	146892	111.809	ug/l	98
60) Dibromochloromethane	9.519	129	23698	21.467	ug/l	98
61) 1,2-Dibromoethane	9.610	107	21985	21.044	ug/l	97
64) Tetrachloroethene	9.269	164	18888	20.459	ug/l	92
65) Chlorobenzene	10.079	112	56582	19.813	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	19817	20.321	ug/l	97
67) Ethyl Benzene	10.189	91	101041	20.071	ug/l	99
68) m/p-Xylenes	10.299	106	74216	40.309	ug/l	96
69) o-Xylene	10.640	106	37483	20.882	ug/l	99
70) Styrene	10.653	104	62320	21.194	ug/l	99
71) Bromoform	10.799	173	14595	19.934	ug/l #	96
73) Isopropylbenzene	10.963	105	99407	20.380	ug/l	100
74) N-amyl acetate	10.842	43	48670	20.193	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	34915	20.427	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30189m	20.019	ug/l	
77) Bromobenzene	11.195	156	22971	20.285	ug/l	99
78) n-propylbenzene	11.299	91	115726	20.405	ug/l	99
79) 2-Chlorotoluene	11.360	91	74331	20.320	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	85859	21.070	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8934	19.287	ug/l	97
82) 4-Chlorotoluene	11.451	91	83363	20.550	ug/l	99
83) tert-Butylbenzene	11.713	119	82945	20.208	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	85525	20.726	ug/l	99
85) sec-Butylbenzene	11.890	105	102551	20.349	ug/l	99
86) p-Isopropyltoluene	12.006	119	85338	20.514	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	42301	20.468	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	41784	19.797	ug/l	98
89) n-Butylbenzene	12.329	91	71724	19.656	ug/l	99
90) Hexachloroethane	12.536	117	14306	19.520	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	42574	20.529	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7860	20.757	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	22376	18.785	ug/l	99
94) Hexachlorobutadiene	13.725	225	10458	20.103	ug/l	97
95) Naphthalene	13.774	128	83835	19.190	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	24092	19.602	ug/l	99

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

