

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060325\
 Data File : VX046463.D
 Acq On : 03 Jun 2025 11:24
 Operator : JC/MD
 Sample : VX0603WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBS01

Quant Time: Jun 04 01:23:27 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 06/04/2025
 Supervised By : Mahesh Dadoda 06/04/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	89858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	159016	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	137079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81765	48.808	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.620%		
35) Dibromofluoromethane	5.379	113	57691	50.381	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.760%		
50) Toluene-d8	8.647	98	189408	47.791	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.580%		
62) 4-Bromofluorobenzene	11.079	95	76982	50.637	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.280%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	22784	16.566	ug/l	98
3) Chloromethane	1.301	50	22687	17.010	ug/l	98
4) Vinyl Chloride	1.374	62	20626	16.617	ug/l	100
5) Bromomethane	1.599	94	9717	16.878	ug/l	98
6) Chloroethane	1.672	64	12637	19.070	ug/l	91
7) Trichlorofluoromethane	1.880	101	34563	18.840	ug/l	98
8) Diethyl Ether	2.130	74	11617	18.602	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	21267	18.733	ug/l	97
10) Methyl Iodide	2.447	142	23408	17.425	ug/l	99
11) Tert butyl alcohol	2.971	59	26285	111.778	ug/l	100
12) 1,1-Dichloroethene	2.313	96	19119	17.944	ug/l	99
13) Acrolein	2.233	56	31641	118.151	ug/l	99
14) Allyl chloride	2.654	41	40050	19.668	ug/l	98
15) Acrylonitrile	3.062	53	70799	105.292	ug/l	98
16) Acetone	2.380	43	69671	103.724	ug/l	99
17) Carbon Disulfide	2.508	76	33630	13.313	ug/l	97
18) Methyl Acetate	2.703	43	42289	27.131	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	75981	20.340	ug/l	99
20) Methylene Chloride	2.782	84	23624	18.353	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	19266	17.980	ug/l	95
22) Diisopropyl ether	3.757	45	82535	20.983	ug/l	95
23) Vinyl Acetate	3.721	43	335531	96.984	ug/l	100
24) 1,1-Dichloroethane	3.605	63	44898	20.493	ug/l	99
25) 2-Butanone	4.556	43	104022	106.672	ug/l	96
26) 2,2-Dichloropropane	4.471	77	33066	19.283	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	26341	20.421	ug/l	98
28) Bromochloromethane	4.891	49	22740	21.563	ug/l	97
29) Tetrahydrofuran	5.001	42	64707	105.894	ug/l	99
30) Chloroform	5.086	83	47703	20.890	ug/l	94
31) Cyclohexane	5.464	56	35430	17.746	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	39775	20.093	ug/l	99
36) 1,1-Dichloropropene	5.684	75	28514	18.533	ug/l	99
37) Ethyl Acetate	4.715	43	37358	19.653	ug/l	99
38) Carbon Tetrachloride	5.666	117	31976	18.497	ug/l	96
39) Methylcyclohexane	7.373	83	35078	17.710	ug/l	98
40) Benzene	6.037	78	87833	19.490	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	21713	21.836	ug/l	97
42) 1,2-Dichloroethane	6.080	62	39263	20.187	ug/l	100
43) Isopropyl Acetate	6.342	43	59297	20.448	ug/l	99
44) Trichloroethene	7.123	130	20550	18.946	ug/l	98
45) 1,2-Dichloropropane	7.427	63	23439	20.917	ug/l	100
46) Dibromomethane	7.580	93	17506	19.808	ug/l	100
47) Bromodichloromethane	7.818	83	34890	20.043	ug/l	94
48) Methyl methacrylate	7.690	41	31312	21.143	ug/l	99
49) 1,4-Dioxane	7.659	88	12369	439.865	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	210362	109.285	ug/l	98
52) Toluene	8.714	92	54891	19.864	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	29748	19.227	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	34079	19.928	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	23413	21.488	ug/l	96
56) Ethyl methacrylate	9.116	69	37717	21.719	ug/l	98
57) 1,3-Dichloropropane	9.305	76	39888	20.384	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	94629	106.886	ug/l	100
59) 2-Hexanone	9.427	43	158797	111.507	ug/l	98
60) Dibromochloromethane	9.519	129	24550	20.516	ug/l	97
61) 1,2-Dibromoethane	9.610	107	22898	20.220	ug/l	95
64) Tetrachloroethene	9.269	164	19186	19.782	ug/l	96
65) Chlorobenzene	10.079	112	60633	20.209	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	21133	20.627	ug/l	98
67) Ethyl Benzene	10.189	91	108068	20.434	ug/l	100
68) m/p-Xylenes	10.299	106	78193	40.424	ug/l	98
69) o-Xylene	10.640	106	39576	20.987	ug/l	98
70) Styrene	10.652	104	65394	21.169	ug/l	99
71) Bromoform	10.799	173	15282	19.868	ug/l #	99
73) Isopropylbenzene	10.957	105	106972	21.051	ug/l	99
74) N-amyl acetate	10.841	43	53285	21.221	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	38144	21.421	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	32360m	20.597	ug/l	
77) Bromobenzene	11.195	156	23864	20.228	ug/l	100
78) n-propylbenzene	11.299	91	120311	20.363	ug/l	100
79) 2-Chlorotoluene	11.360	91	76316	20.025	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	89305	21.037	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8590	17.801	ug/l	86
82) 4-Chlorotoluene	11.451	91	87167	20.625	ug/l	99
83) tert-Butylbenzene	11.713	119	89128	20.843	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	89380	20.791	ug/l	100
85) sec-Butylbenzene	11.890	105	110457	21.038	ug/l	99
86) p-Isopropyltoluene	12.006	119	90318	20.840	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	43379	20.148	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	43071	19.588	ug/l	97
89) n-Butylbenzene	12.329	91	78349	20.610	ug/l	99
90) Hexachloroethane	12.536	117	15040	19.698	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	45968	21.276	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8285	21.002	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	25402	20.470	ug/l	100
94) Hexachlorobutadiene	13.719	225	11133	20.542	ug/l	98
95) Naphthalene	13.774	128	94703	20.808	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	26254	20.504	ug/l	98

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

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