

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046548.D
 Acq On : 07 Jun 2025 02:00
 Operator : JC/MD
 Sample : VX0606WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBS02

Quant Time: Jun 07 04:27:03 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 06/09/2025
 Supervised By : Mahesh Dadoda 06/09/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	86561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	153201	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	75695	49.152	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.300%		
35) Dibromofluoromethane	5.404	113	54910	48.738	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.480%		
50) Toluene-d8	8.653	98	183059	49.284	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.560%		
62) 4-Bromofluorobenzene	11.079	95	77694	50.556	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.120%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	20923	17.411	ug/l	95
3) Chloromethane	1.307	50	19108	17.469	ug/l	99
4) Vinyl Chloride	1.386	62	20148	18.478	ug/l	98
5) Bromomethane	1.630	94	13575	20.507	ug/l	99
6) Chloroethane	1.703	64	13583	19.199	ug/l	95
7) Trichlorofluoromethane	1.904	101	34902	19.346	ug/l	95
8) Diethyl Ether	2.148	74	12618	19.795	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.349	101	21897	19.264	ug/l	96
10) Methyl Iodide	2.471	142	23885	19.385	ug/l	99
11) Tert butyl alcohol	2.965	59	16720	97.844	ug/l	100
12) 1,1-Dichloroethene	2.337	96	19602	19.074	ug/l	98
13) Acrolein	2.252	56	13808	88.797	ug/l	98
14) Allyl chloride	2.684	41	37226	18.444	ug/l	94
15) Acrylonitrile	3.081	53	65550	101.454	ug/l	98
16) Acetone	2.392	43	58897	100.196	ug/l	99
17) Carbon Disulfide	2.532	76	39438	18.203	ug/l	97
18) Methyl Acetate	2.721	43	40472	22.063	ug/l	98
19) Methyl tert-butyl Ether	3.130	73	74232	20.643	ug/l	97
20) Methylene Chloride	2.806	84	23595	19.098	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	19951	18.344	ug/l	95
22) Diisopropyl ether	3.782	45	83592	21.007	ug/l #	83
23) Vinyl Acetate	3.739	43	303998	98.952	ug/l	98
24) 1,1-Dichloroethane	3.629	63	44072	19.873	ug/l	97
25) 2-Butanone	4.574	43	84455	98.514	ug/l	100
26) 2,2-Dichloropropane	4.495	77	18497	11.235	ug/l	93
27) cis-1,2-Dichloroethene	4.513	96	25321	18.913	ug/l	95
28) Bromochloromethane	4.922	49	21198	20.040	ug/l	97
29) Tetrahydrofuran	5.019	42	53379	98.593	ug/l	99
30) Chloroform	5.111	83	48053	20.679	ug/l	96
31) Cyclohexane	5.483	56	34632	19.344	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	40606	20.428	ug/l	98
36) 1,1-Dichloropropene	5.714	75	29289m	18.200	ug/l	
37) Ethyl Acetate	4.733	43	34879m	22.206	ug/l	
38) Carbon Tetrachloride	5.690	117	34414	19.092	ug/l	95
39) Methylcyclohexane	7.391	83	33280	17.520	ug/l	98
40) Benzene	6.050	78	90122	19.892	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	19608	20.103	ug/l	96
42) 1,2-Dichloroethane	6.105	62	37427	19.857	ug/l	99
43) Isopropyl Acetate	6.355	43	55466	20.256	ug/l	99
44) Trichloroethene	7.135	130	21070	18.304	ug/l	99
45) 1,2-Dichloropropane	7.440	63	23635	20.211	ug/l	99
46) Dibromomethane	7.592	93	17272	19.633	ug/l	99
47) Bromodichloromethane	7.830	83	36660	20.267	ug/l	99
48) Methyl methacrylate	7.702	41	27982	19.862	ug/l	98
49) 1,4-Dioxane	7.665	88	7453	395.590	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	182184	104.701	ug/l	100
52) Toluene	8.720	92	54725	19.662	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	29443	18.154	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	33117	18.365	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	23334	20.883	ug/l	98
56) Ethyl methacrylate	9.116	69	35438	20.610	ug/l	97
57) 1,3-Dichloropropane	9.311	76	39691	20.101	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	83095	88.721	ug/l	99
59) 2-Hexanone	9.433	43	128756	103.175	ug/l	100
60) Dibromochloromethane	9.525	129	26289	20.002	ug/l	98
61) 1,2-Dibromoethane	9.610	107	23082	19.824	ug/l	98
64) Tetrachloroethene	9.275	164	17191	18.657	ug/l	95
65) Chlorobenzene	10.079	112	63048	19.454	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	21717	19.830	ug/l	98
67) Ethyl Benzene	10.195	91	111476	19.704	ug/l	99
68) m/p-Xylenes	10.299	106	80015	38.987	ug/l	97
69) o-Xylene	10.640	106	39576	19.937	ug/l	97
70) Styrene	10.653	104	70035	20.610	ug/l	98
71) Bromoform	10.799	173	16552	19.822	ug/l #	97
73) Isopropylbenzene	10.963	105	108532	19.533	ug/l	100
74) N-amyl acetate	10.842	43	48086	19.652	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	34796	19.565	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	28883m	19.292	ug/l	
77) Bromobenzene	11.195	156	25602	19.852	ug/l	97
78) n-propylbenzene	11.305	91	128634	19.127	ug/l	100
79) 2-Chlorotoluene	11.360	91	78422	19.337	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	89523	19.335	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	8004	15.422	ug/l	97
82) 4-Chlorotoluene	11.451	91	92213	19.183	ug/l	98
83) tert-Butylbenzene	11.713	119	91243	19.358	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	91697	19.577	ug/l	100
85) sec-Butylbenzene	11.890	105	117342	19.375	ug/l	100
86) p-Isopropyltoluene	12.006	119	96567	19.127	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	47924	19.136	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	48690	18.763	ug/l	98
89) n-Butylbenzene	12.329	91	91460	18.446	ug/l	99
90) Hexachloroethane	12.536	117	16301	18.165	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	46654	19.299	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7705	19.347	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	30719	18.628	ug/l	100
94) Hexachlorobutadiene	13.725	225	13569	17.706	ug/l	97
95) Naphthalene	13.774	128	103288	19.751	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	30843	18.653	ug/l	99

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

