

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046549.D
 Acq On : 07 Jun 2025 02:22
 Operator : JC/MD
 Sample : VX0606WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBSD02

Quant Time: Jun 07 04:27:58 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 : Semsettin Yesilyurt 06/09/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	82429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	148150	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	75077	51.195	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.380%			
35) Dibromofluoromethane	5.403	113	55154	50.624	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.240%			
50) Toluene-d8	8.653	98	184307	51.312	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.620%			
62) 4-Bromofluorobenzene	11.079	95	78949	53.124	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.240%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	19695	17.210	ug/l	99
3) Chloromethane	1.307	50	18305	17.573	ug/l	100
4) Vinyl Chloride	1.386	62	19117	18.411	ug/l	98
5) Bromomethane	1.624	94	12313	19.533	ug/l	95
6) Chloroethane	1.709	64	14492m	21.511	ug/l	
7) Trichlorofluoromethane	1.910	101	32538	18.940	ug/l	97
8) Diethyl Ether	2.148	74	11576	19.070	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.349	101	19583	18.092	ug/l	98
10) Methyl Iodide	2.471	142	23704	20.202	ug/l	98
11) Tert butyl alcohol	2.965	59	15153	93.119	ug/l	98
12) 1,1-Dichloroethene	2.337	96	18135	18.531	ug/l	93
13) Acrolein	2.252	56	13458	90.179	ug/l	99
14) Allyl chloride	2.684	41	34759	18.085	ug/l	93
15) Acrylonitrile	3.081	53	61459	99.891	ug/l	99
16) Acetone	2.392	43	55981	100.018	ug/l	98
17) Carbon Disulfide	2.532	76	36977	17.926	ug/l	99
18) Methyl Acetate	2.721	43	38963	22.305	ug/l	98
19) Methyl tert-butyl Ether	3.136	73	70584	20.612	ug/l	99
20) Methylene Chloride	2.806	84	22096	18.781	ug/l	96
21) trans-1,2-Dichloroethene	3.111	96	18946	18.294	ug/l	99
22) Diisopropyl ether	3.782	45	78841	20.806	ug/l #	85
23) Vinyl Acetate	3.739	43	287418	98.245	ug/l	100
24) 1,1-Dichloroethane	3.629	63	41503	19.652	ug/l	99
25) 2-Butanone	4.574	43	80534	98.649	ug/l	98
26) 2,2-Dichloropropane	4.495	77	17539	11.187	ug/l	94
27) cis-1,2-Dichloroethene	4.507	96	24368	19.113	ug/l	93
28) Bromochloromethane	4.922	49	20871	20.720	ug/l	100
29) Tetrahydrofuran	5.019	42	50679	98.298	ug/l	99
30) Chloroform	5.111	83	44584	20.148	ug/l	98
31) Cyclohexane	5.489	56	33655	19.740	ug/l	96
32) 1,1,1-Trichloroethane	5.403	97	37755	19.946	ug/l	98
36) 1,1-Dichloropropene	5.714	75	27427m	17.624	ug/l	
37) Ethyl Acetate	4.733	43	30290	19.942	ug/l	99
38) Carbon Tetrachloride	5.696	117	31802	18.244	ug/l	94
39) Methylcyclohexane	7.391	83	30838	16.788	ug/l	94
40) Benzene	6.056	78	81911	18.696	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	18140	19.232	ug/l	95
42) 1,2-Dichloroethane	6.104	62	35368	19.405	ug/l	99
43) Isopropyl Acetate	6.354	43	52536	19.840	ug/l	99
44) Trichloroethene	7.135	130	19965	17.935	ug/l	98
45) 1,2-Dichloropropane	7.440	63	22057	19.505	ug/l	98
46) Dibromomethane	7.586	93	16739	19.676	ug/l	99
47) Bromodichloromethane	7.830	83	34444	19.691	ug/l	99
48) Methyl methacrylate	7.702	41	26789	19.663	ug/l	97
49) 1,4-Dioxane	7.665	88	7379	405.016	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	170581	101.375	ug/l	99
52) Toluene	8.720	92	51786	19.240	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	28364	18.085	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	30972	17.761	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	22066	20.422	ug/l	97
56) Ethyl methacrylate	9.122	69	33244	19.993	ug/l	97
57) 1,3-Dichloropropane	9.311	76	37915	19.856	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	89616	98.946	ug/l	99
59) 2-Hexanone	9.433	43	121301	100.516	ug/l	99
60) Dibromochloromethane	9.525	129	24591	19.348	ug/l	99
61) 1,2-Dibromoethane	9.610	107	22036	19.571	ug/l	99
64) Tetrachloroethene	9.275	164	16243	18.314	ug/l	95
65) Chlorobenzene	10.079	112	59143	18.960	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	21014	19.935	ug/l	99
67) Ethyl Benzene	10.195	91	104280	19.149	ug/l	97
68) m/p-Xylenes	10.305	106	76535	38.743	ug/l	99
69) o-Xylene	10.640	106	37219	19.479	ug/l	97
70) Styrene	10.652	104	65932	20.158	ug/l	99
71) Bromoform	10.799	173	15565	19.366	ug/l #	98
73) Isopropylbenzene	10.963	105	102095	19.524	ug/l	100
74) N-amyl acetate	10.841	43	45650	19.824	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	34181	20.422	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	27217m	19.317	ug/l	
77) Bromobenzene	11.195	156	24219	19.954	ug/l	97
78) n-propylbenzene	11.305	91	121310	19.167	ug/l	100
79) 2-Chlorotoluene	11.366	91	74663	19.562	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	85926	19.719	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7857	16.086	ug/l	95
82) 4-Chlorotoluene	11.451	91	87341	19.307	ug/l	98
83) tert-Butylbenzene	11.713	119	87107	19.637	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	85761	19.455	ug/l	100
85) sec-Butylbenzene	11.890	105	108664	19.065	ug/l	99
86) p-Isopropyltoluene	12.006	119	90028	18.947	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	45167	19.164	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	46021	18.844	ug/l	98
89) n-Butylbenzene	12.329	91	85827	18.393	ug/l	99
90) Hexachloroethane	12.536	117	15225	18.028	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	44962	19.763	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7543	20.125	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	28224	18.186	ug/l	99
94) Hexachlorobutadiene	13.725	225	12727	17.646	ug/l	98
95) Naphthalene	13.774	128	97454	19.802	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	28606	18.382	ug/l	97

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

