

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046528.D
 Acq On : 06 Jun 2025 15:25
 Operator : JC/MD
 Sample : VX0606WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBS01

Quant Time: Jun 06 16:58:01 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 06/06/2025
 Supervised By : Mahesh Dadoda 06/09/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	89061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	155149	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	78838	49.756	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.520%		
35) Dibromofluoromethane	5.404	113	57238	50.167	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.340%		
50) Toluene-d8	8.653	98	185359	49.277	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.560%		
62) 4-Bromofluorobenzene	11.079	95	78492	50.434	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	20513	16.590	ug/l	94
3) Chloromethane	1.307	50	18446	16.390	ug/l	98
4) Vinyl Chloride	1.386	62	18833	16.787	ug/l	99
5) Bromomethane	1.624	94	12717	18.672	ug/l	91
6) Chloroethane	1.703	64	12235	16.808	ug/l	99
7) Trichlorofluoromethane	1.904	101	32370	17.439	ug/l	99
8) Diethyl Ether	2.148	74	11426	17.422	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.349	101	20243	17.309	ug/l	97
10) Methyl Iodide	2.471	142	22418	17.683	ug/l	98
11) Tert butyl alcohol	2.977	59	18631	105.967	ug/l	99
12) 1,1-Dichloroethene	2.337	96	18015	17.038	ug/l	94
13) Acrolein	2.252	56	19878	112.266	ug/l	99
14) Allyl chloride	2.685	41	36748	17.696	ug/l	95
15) Acrylonitrile	3.081	53	66422	99.918	ug/l	98
16) Acetone	2.398	43	60126	99.451	ug/l	98
17) Carbon Disulfide	2.532	76	38122	17.114	ug/l	100
18) Methyl Acetate	2.721	43	40424	21.419	ug/l	100
19) Methyl tert-butyl Ether	3.130	73	69781	18.860	ug/l	100
20) Methylene Chloride	2.806	84	22009	17.314	ug/l	99
21) trans-1,2-Dichloroethene	3.111	96	18503	16.536	ug/l	88
22) Diisopropyl ether	3.782	45	75699	18.490	ug/l #	77
23) Vinyl Acetate	3.739	43	292554	92.554	ug/l	98
24) 1,1-Dichloroethane	3.630	63	40577	17.783	ug/l	99
25) 2-Butanone	4.574	43	90377	102.462	ug/l	98
26) 2,2-Dichloropropane	4.495	77	30369	17.928	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	24516	17.797	ug/l	95
28) Bromochloromethane	4.922	49	20474	18.812	ug/l	98
29) Tetrahydrofuran	5.026	42	58151	104.392	ug/l	99
30) Chloroform	5.117	83	43693	18.275	ug/l	99
31) Cyclohexane	5.489	56	31961	17.351	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	36751	17.970	ug/l	99
36) 1,1-Dichloropropene	5.708	75	27224	16.704	ug/l	99
37) Ethyl Acetate	4.739	43	33280	20.922	ug/l	98
38) Carbon Tetrachloride	5.690	117	31748	17.392	ug/l	93
39) Methylcyclohexane	7.391	83	31270	16.255	ug/l	98
40) Benzene	6.056	78	80706	17.590	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	20265	20.516	ug/l	99
42) 1,2-Dichloroethane	6.099	62	35311	18.499	ug/l	100
43) Isopropyl Acetate	6.355	43	54529	19.664	ug/l	99
44) Trichloroethene	7.141	130	19895	17.066	ug/l	99
45) 1,2-Dichloropropane	7.440	63	21671	18.299	ug/l	97
46) Dibromomethane	7.592	93	16035	17.998	ug/l	98
47) Bromodichloromethane	7.830	83	34244	18.694	ug/l	100
48) Methyl methacrylate	7.702	41	28055	19.663	ug/l	96
49) 1,4-Dioxane	7.671	88	7498	392.982	ug/l	92
51) 4-Methyl-2-Pentanone	8.580	43	185797	105.437	ug/l	99
52) Toluene	8.720	92	50999	18.093	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	29345	17.866	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	32634	17.870	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	21679	19.158	ug/l	97
56) Ethyl methacrylate	9.122	69	33099	19.008	ug/l	98
57) 1,3-Dichloropropane	9.311	76	36462	18.234	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	100358	105.808	ug/l	100
59) 2-Hexanone	9.433	43	134928	106.764	ug/l	99
60) Dibromochloromethane	9.525	129	24131	18.130	ug/l	100
61) 1,2-Dibromoethane	9.610	107	21622	18.337	ug/l	96
64) Tetrachloroethene	9.275	164	15577	16.880	ug/l	95
65) Chlorobenzene	10.080	112	56698	17.469	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	20196	18.414	ug/l	98
67) Ethyl Benzene	10.195	91	101037	17.832	ug/l	100
68) m/p-Xylenes	10.299	106	74016	36.010	ug/l	99
69) o-Xylene	10.640	106	35837	18.026	ug/l	95
70) Styrene	10.659	104	62246	18.291	ug/l	99
71) Bromoform	10.799	173	15420	18.439	ug/l #	99
73) Isopropylbenzene	10.964	105	99494	17.539	ug/l	100
74) N-amyl acetate	10.842	43	46027	18.425	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	34360	18.923	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	31126m	20.364	ug/l	
77) Bromobenzene	11.201	156	23232	17.644	ug/l	98
78) n-propylbenzene	11.305	91	118440	17.250	ug/l	100
79) 2-Chlorotoluene	11.366	91	71778	17.336	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	84188	17.810	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	9333	17.613	ug/l	98
82) 4-Chlorotoluene	11.457	91	86492	17.624	ug/l	99
83) tert-Butylbenzene	11.713	119	85092	17.683	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	84584	17.688	ug/l	100
85) sec-Butylbenzene	11.890	105	108622	17.567	ug/l	98
86) p-Isopropyltoluene	12.006	119	88693	17.206	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	42781	16.732	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	44818	16.916	ug/l	99
89) n-Butylbenzene	12.329	91	86193	17.027	ug/l	100
90) Hexachloroethane	12.536	117	15132	16.517	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	43444	17.603	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7711	18.964	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	28571	16.970	ug/l	97
94) Hexachlorobutadiene	13.725	225	13265	16.954	ug/l	99
95) Naphthalene	13.774	128	98596	18.467	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	28521	16.894	ug/l	100

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

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