

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
 Data File : VX046812.D
 Acq On : 23 Jun 2025 12:04
 Operator : JC/MD
 Sample : VX0623WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0623WBS01

Quant Time: Jun 24 04:03:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
 Supervised By :Semsettin Yesilyurt 06/24/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	143705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	237262	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	111737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	93029	46.802	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.600%		
35) Dibromofluoromethane	5.397	113	75964	48.391	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.780%		
50) Toluene-d8	8.647	98	276286	48.987	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.980%		
62) 4-Bromofluorobenzene	11.079	95	108952	51.823	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	103.640%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.179	85	25213	16.434	ug/l	99
3) Chloromethane	1.307	50	26958	16.279	ug/l	100
4) Vinyl Chloride	1.386	62	29251	16.564	ug/l	94
5) Bromomethane	1.624	94	18321	18.440	ug/l	92
6) Chloroethane	1.703	64	17617	16.460	ug/l	96
7) Trichlorofluoromethane	1.904	101	43719	16.305	ug/l	97
8) Diethyl Ether	2.148	74	15412	16.748	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	26814	16.301	ug/l	99
10) Methyl Iodide	2.471	142	28539	16.992	ug/l	98
11) Tert butyl alcohol	2.953	59	12042	67.498	ug/l	100
12) 1,1-Dichloroethene	2.337	96	26713	16.829	ug/l	97
13) Acrolein	2.245	56	26776	103.039	ug/l	99
14) Allyl chloride	2.678	41	47587	16.547	ug/l	97
15) Acrylonitrile	3.075	53	63989	79.765	ug/l	99
16) Acetone	2.386	43	47386	71.488	ug/l	99
17) Carbon Disulfide	2.526	76	68398	14.270	ug/l	98
18) Methyl Acetate	2.715	43	27317	16.226	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	79310	16.047	ug/l	100
20) Methylene Chloride	2.806	84	29847	16.192	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	28358	16.697	ug/l	95
22) Diisopropyl ether	3.769	45	96443	17.447	ug/l	97
23) Vinyl Acetate	3.733	43	362492	82.464	ug/l	99
24) 1,1-Dichloroethane	3.623	63	52664	16.780	ug/l	98
25) 2-Butanone	4.568	43	73579	78.487	ug/l	98
26) 2,2-Dichloropropane	4.489	77	37752	16.492	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	33835	16.957	ug/l	99
28) Bromochloromethane	4.910	49	25949	18.237	ug/l	100
29) Tetrahydrofuran	5.019	42	49052	81.008	ug/l	98
30) Chloroform	5.111	83	54144	17.250	ug/l	98
31) Cyclohexane	5.483	56	50756	17.053	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	44746	16.255	ug/l	99
36) 1,1-Dichloropropene	5.708	75	36850	16.262	ug/l	96
37) Ethyl Acetate	4.733	43	32575	15.573	ug/l	99
38) Carbon Tetrachloride	5.690	117	39664	16.129	ug/l	99
39) Methylcyclohexane	7.385	83	49993	16.765	ug/l	98
40) Benzene	6.050	78	117586	17.533	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	18492	16.583	ug/l	95
42) 1,2-Dichloroethane	6.098	62	39177	16.624	ug/l	97
43) Isopropyl Acetate	6.348	43	50870	15.542	ug/l	99
44) Trichloroethene	7.135	130	28583	16.724	ug/l	95
45) 1,2-Dichloropropane	7.440	63	28720	17.280	ug/l	98
46) Dibromomethane	7.586	93	19634	16.437	ug/l	97
47) Bromodichloromethane	7.824	83	41164	16.887	ug/l	98
48) Methyl methacrylate	7.696	41	27140	16.533	ug/l	98
49) 1,4-Dioxane	7.665	88	6834	306.310	ug/l	91
51) 4-Methyl-2-Pentanone	8.574	43	161038	82.492	ug/l	98
52) Toluene	8.720	92	73023	17.564	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	37860	16.740	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	42923	16.718	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	27162	17.531	ug/l	99
56) Ethyl methacrylate	9.116	69	38829	16.977	ug/l	97
57) 1,3-Dichloropropane	9.311	76	46619	17.473	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	115891	97.546	ug/l	100
59) 2-Hexanone	9.427	43	109255	80.954	ug/l	99
60) Dibromochloromethane	9.518	129	30834	16.887	ug/l	100
61) 1,2-Dibromoethane	9.610	107	27090	17.189	ug/l	99
64) Tetrachloroethene	9.275	164	25185	16.641	ug/l	95
65) Chlorobenzene	10.079	112	81131	16.825	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	26558	16.388	ug/l	99
67) Ethyl Benzene	10.195	91	141689	16.817	ug/l	100
68) m/p-Xylenes	10.299	106	107314	34.184	ug/l	98
69) o-Xylene	10.640	106	51617	17.544	ug/l	98
70) Styrene	10.652	104	89815	17.444	ug/l	99
71) Bromoform	10.799	173	19413	15.729	ug/l #	100
73) Isopropylbenzene	10.957	105	138616	16.844	ug/l	100
74) N-amyl acetate	10.841	43	48057	15.413	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	38210	16.629	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	35972m	17.577	ug/l	
77) Bromobenzene	11.195	156	34260	17.300	ug/l	99
78) n-propylbenzene	11.305	91	164729	16.853	ug/l	99
79) 2-Chlorotoluene	11.360	91	97071	16.633	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	114010	16.859	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9950	13.743	ug/l	97
82) 4-Chlorotoluene	11.451	91	115266	16.924	ug/l	99
83) tert-Butylbenzene	11.713	119	116560	16.674	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	114970	16.921	ug/l	99
85) sec-Butylbenzene	11.890	105	150835	17.073	ug/l	99
86) p-Isopropyltoluene	12.006	119	126010	16.905	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	63628	16.478	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	63710	16.064	ug/l	99
89) n-Butylbenzene	12.329	91	119558	16.893	ug/l	100
90) Hexachloroethane	12.536	117	19667	15.067	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	60265	16.702	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6489	14.304	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	42687	16.640	ug/l	99
94) Hexachlorobutadiene	13.719	225	17474	16.193	ug/l	99
95) Naphthalene	13.774	128	118681	16.238	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	41791	17.028	ug/l	98

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

