

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051225\
 Data File : VX046128.D
 Acq On : 12 May 2025 11:13
 Operator : JC/MD
 Sample : VX0512WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

Quant Time: May 13 03:14:31 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 :Mahesh Dadoda 05/13/2025
 Supervised By :Semsettin Yesilyurt 05/13/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	93419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	162432	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	95968	55.102	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.200%			
35) Dibromofluoromethane	5.379	113	65762	56.222	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.440%			
50) Toluene-d8	8.647	98	221682	54.758	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.520%			
62) 4-Bromofluorobenzene	11.079	95	85257	54.901	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.800%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	31224	21.837	ug/l	99
3) Chloromethane	1.300	50	28165	20.312	ug/l	100
4) Vinyl Chloride	1.374	62	25586	19.827	ug/l	94
5) Bromomethane	1.593	94	11521	19.248	ug/l	95
6) Chloroethane	1.672	64	14291	20.744	ug/l	99
7) Trichlorofluoromethane	1.880	101	41560	21.791	ug/l	98
8) Diethyl Ether	2.130	74	13139	20.237	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	24936	21.127	ug/l	99
10) Methyl Iodide	2.447	142	28106	20.125	ug/l	99
11) Tert butyl alcohol	2.965	59	24329	99.516	ug/l	98
12) 1,1-Dichloroethene	2.312	96	22650	20.447	ug/l	99
13) Acrolein	2.233	56	30200	108.471	ug/l	99
14) Allyl chloride	2.660	41	44059	20.811	ug/l	98
15) Acrylonitrile	3.062	53	73695	105.421	ug/l	98
16) Acetone	2.379	43	70821	101.417	ug/l	100
17) Carbon Disulfide	2.508	76	49120	18.704	ug/l	99
18) Methyl Acetate	2.703	43	34954	21.571	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	81278	20.929	ug/l	99
20) Methylene Chloride	2.782	84	25976	19.411	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	22545	20.238	ug/l	99
22) Diisopropyl ether	3.757	45	86088	21.052	ug/l	94
23) Vinyl Acetate	3.715	43	374267	104.057	ug/l	99
24) 1,1-Dichloroethane	3.605	63	47973	21.062	ug/l	97
25) 2-Butanone	4.556	43	105323	103.889	ug/l	96
26) 2,2-Dichloropropane	4.471	77	36980	20.743	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	27933	20.829	ug/l	99
28) Bromochloromethane	4.891	49	25420	23.186	ug/l	99
29) Tetrahydrofuran	4.995	42	66323	104.401	ug/l	99
30) Chloroform	5.086	83	51703	21.778	ug/l	96
31) Cyclohexane	5.464	56	42054	20.261	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	43213	20.998	ug/l	99
36) 1,1-Dichloropropene	5.684	75	33295	21.186	ug/l	98
37) Ethyl Acetate	4.714	43	39327	20.254	ug/l	99
38) Carbon Tetrachloride	5.665	117	37495	21.234	ug/l	96
39) Methylcyclohexane	7.372	83	40999	20.264	ug/l	97
40) Benzene	6.031	78	97601	21.202	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	23123	22.765	ug/l	98
42) 1,2-Dichloroethane	6.080	62	42246	21.264	ug/l	99
43) Isopropyl Acetate	6.336	43	61149	20.643	ug/l	99
44) Trichloroethene	7.123	130	23267	21.000	ug/l	96
45) 1,2-Dichloropropane	7.427	63	24795	21.662	ug/l	94
46) Dibromomethane	7.580	93	19068	21.121	ug/l	99
47) Bromodichloromethane	7.818	83	38335	21.559	ug/l	95
48) Methyl methacrylate	7.690	41	32031	21.173	ug/l	99
49) 1,4-Dioxane	7.659	88	12305	428.387	ug/l	100
51) 4-Methyl-2-Pentanone	8.567	43	206015	104.776	ug/l	99
52) Toluene	8.714	92	59656	21.135	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	31577	19.979	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	36051	20.638	ug/l	93
55) 1,1,2-Trichloroethane	9.147	97	23784	21.369	ug/l	98
56) Ethyl methacrylate	9.116	69	37433	21.102	ug/l	99
57) 1,3-Dichloropropane	9.305	76	42210	21.117	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	97943	108.302	ug/l	99
59) 2-Hexanone	9.427	43	154339	106.097	ug/l	100
60) Dibromochloromethane	9.518	129	25810	21.116	ug/l	99
61) 1,2-Dibromoethane	9.604	107	24637	21.298	ug/l	99
64) Tetrachloroethene	9.268	164	20118	19.830	ug/l	94
65) Chlorobenzene	10.079	112	64648	20.599	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	22092	20.615	ug/l	98
67) Ethyl Benzene	10.189	91	116381	21.038	ug/l	100
68) m/p-Xylenes	10.299	106	84785	41.904	ug/l	97
69) o-Xylene	10.640	106	42112	21.349	ug/l	99
70) Styrene	10.652	104	69043	21.367	ug/l	99
71) Bromoform	10.799	173	16161	20.086	ug/l #	99
73) Isopropylbenzene	10.957	105	111727	21.662	ug/l	99
74) N-amyl acetate	10.841	43	51834	20.338	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	38349	21.217	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	32658m	20.479	ug/l	
77) Bromobenzene	11.195	156	24878	20.776	ug/l	100
78) n-propylbenzene	11.299	91	127401	21.244	ug/l	100
79) 2-Chlorotoluene	11.360	91	81157	20.981	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	93220	21.634	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	8435	17.221	ug/l	95
82) 4-Chlorotoluene	11.451	91	90289	21.048	ug/l	98
83) tert-Butylbenzene	11.713	119	94264	21.718	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	95013	21.774	ug/l	99
85) sec-Butylbenzene	11.890	105	114059	21.403	ug/l	99
86) p-Isopropyltoluene	12.006	119	93897	21.346	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	46562	21.306	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	46172	20.688	ug/l	98
89) n-Butylbenzene	12.329	91	79571	20.622	ug/l	99
90) Hexachloroethane	12.536	117	16160	20.852	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	46746	21.316	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8309	20.751	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	25375	20.146	ug/l	99
94) Hexachlorobutadiene	13.725	225	11524	20.949	ug/l	98
95) Naphthalene	13.774	128	90281	19.543	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	26686	20.533	ug/l	96

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

