

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
 Data File : VX044836.D
 Acq On : 05 Feb 2025 11:59
 Operator : JC/MD
 Sample : VX0205WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBS01

Quant Time: Feb 06 04:36:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025
 Supervised By :Semsettin Yesilyurt 02/06/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	143620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	260831	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	220308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	97525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	105562	48.695	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.380%		
35) Dibromofluoromethane	5.379	113	87951	53.078	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.160%		
50) Toluene-d8	8.641	98	328015	56.773	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	113.540%#		
62) 4-Bromofluorobenzene	11.079	95	110769	51.428	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	36546	18.910	ug/l	98
3) Chloromethane	1.301	50	41335	19.778	ug/l	98
4) Vinyl Chloride	1.374	62	42595	20.628	ug/l	100
5) Bromomethane	1.593	94	12611	25.577	ug/l	96
6) Chloroethane	1.666	64	18230	48.142	ug/l	95
7) Trichlorofluoromethane	1.874	101	58293	25.542	ug/l	99
8) Diethyl Ether	2.136	74	19678	21.366	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	41481	24.179	ug/l	97
10) Methyl Iodide	2.441	142	50729	21.658	ug/l	100
11) Tert butyl alcohol	2.983	59	37462	77.516	ug/l #	84
12) 1,1-Dichloroethene	2.313	96	38635	22.975	ug/l	96
13) Acrolein	2.233	56	18043	79.336	ug/l	96
14) Allyl chloride	2.654	41	69030	21.083	ug/l	99
15) Acrylonitrile	3.062	53	105140	110.920	ug/l	100
16) Acetone	2.380	43	98596	114.956	ug/l	99
17) Carbon Disulfide	2.502	76	95990	20.919	ug/l	100
18) Methyl Acetate	2.703	43	65510	24.757	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	120040	19.708	ug/l	96
20) Methylene Chloride	2.782	84	41031	20.543	ug/l	93
21) trans-1,2-Dichloroethene	3.081	96	35836	20.411	ug/l	97
22) Diisopropyl ether	3.757	45	128336	22.549	ug/l	99
23) Vinyl Acetate	3.715	43	517270	103.837	ug/l	99
24) 1,1-Dichloroethane	3.599	63	70733	20.957	ug/l	99
25) 2-Butanone	4.556	43	139651	109.511	ug/l	100
26) 2,2-Dichloropropane	4.465	77	60323	18.441	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	44406	20.107	ug/l	98
28) Bromochloromethane	4.885	49	32499	20.606	ug/l	93
29) Tetrahydrofuran	5.001	42	90488	110.009	ug/l	97
30) Chloroform	5.086	83	69758	20.480	ug/l	99
31) Cyclohexane	5.458	56	62959	23.064	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	58661	18.734	ug/l	99
36) 1,1-Dichloropropene	5.684	75	47993	20.807	ug/l	99
37) Ethyl Acetate	4.708	43	54284	22.099	ug/l	98
38) Carbon Tetrachloride	5.666	117	49540	19.094	ug/l	96
39) Methylcyclohexane	7.373	83	66529	21.727	ug/l	99
40) Benzene	6.025	78	155138	21.705	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	30323	21.185	ug/l	98
42) 1,2-Dichloroethane	6.074	62	50418	19.326	ug/l	99
43) Isopropyl Acetate	6.336	43	89561	19.820	ug/l	98
44) Trichloroethene	7.117	130	35552	20.690	ug/l	93
45) 1,2-Dichloropropane	7.421	63	38828	21.581	ug/l	98
46) Dibromomethane	7.574	93	26719	19.508	ug/l	99
47) Bromodichloromethane	7.818	83	53321	18.983	ug/l	99
48) Methyl methacrylate	7.690	41	42393	20.211	ug/l	99
49) 1,4-Dioxane	7.665	88	17068	390.019	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	280652	112.387	ug/l	97
52) Toluene	8.714	92	93825	21.447	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	53443	18.416	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	61220	19.456	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	36729	20.751	ug/l	97
56) Ethyl methacrylate	9.116	69	59610	19.587	ug/l	98
57) 1,3-Dichloropropane	9.305	76	63032	20.912	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	139470	93.346	ug/l	96
59) 2-Hexanone	9.427	43	201273	109.554	ug/l	98
60) Dibromochloromethane	9.519	129	38972	18.760	ug/l	99
61) 1,2-Dibromoethane	9.604	107	36352	19.598	ug/l	98
64) Tetrachloroethene	9.269	164	28620	20.688	ug/l	96
65) Chlorobenzene	10.073	112	100775	21.536	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	32936	19.367	ug/l	98
67) Ethyl Benzene	10.189	91	177528	21.743	ug/l	96
68) m/p-Xylenes	10.299	106	132061	43.585	ug/l	98
69) o-Xylene	10.640	106	65622	21.416	ug/l	98
70) Styrene	10.653	104	108405	21.912	ug/l	97
71) Bromoform	10.799	173	24463	17.674	ug/l #	99
73) Isopropylbenzene	10.957	105	167828	21.065	ug/l	99
74) N-amyl acetate	10.842	43	73836	18.802	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	56341	20.475	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	44711m	18.891	ug/l	
77) Bromobenzene	11.195	156	36965	19.850	ug/l	96
78) n-propylbenzene	11.299	91	190953	21.733	ug/l	100
79) 2-Chlorotoluene	11.360	91	114518	20.177	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	137525	21.204	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	17613	17.018	ug/l	96
82) 4-Chlorotoluene	11.451	91	127920	20.574	ug/l	98
83) tert-Butylbenzene	11.713	119	137852	20.327	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	135133	20.503	ug/l	98
85) sec-Butylbenzene	11.890	105	173207	21.936	ug/l	100
86) p-Isopropyltoluene	12.006	119	139391	21.481	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	68491	21.208	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	68080	20.854	ug/l	99
89) n-Butylbenzene	12.329	91	125861	22.582	ug/l	99
90) Hexachloroethane	12.536	117	24987	17.005	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	68355	20.610	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	10069	14.963	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	40873	20.615	ug/l	99
94) Hexachlorobutadiene	13.719	225	16596	21.310	ug/l	100
95) Naphthalene	13.774	128	151303	19.786	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	41947	20.411	ug/l	97

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

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