

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021025\
 Data File : VX044878.D
 Acq On : 10 Feb 2025 14:29
 Operator : JC/MD
 Sample : VX0210WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/11/2025
 Supervised By : Mahesh Dadoda 02/11/2025

Quant Time: Feb 11 06:04:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	143675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	262165	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	224717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	103194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98341	46.759	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.520%		
35) Dibromofluoromethane	5.379	113	79475	46.626	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.260%		
50) Toluene-d8	8.647	98	302739	46.969	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.940%		
62) 4-Bromofluorobenzene	11.079	95	102526	47.184	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	39882	19.792	ug/l	98
3) Chloromethane	1.301	50	47136	19.219	ug/l	96
4) Vinyl Chloride	1.374	62	43335	18.239	ug/l	98
5) Bromomethane	1.593	94	14085	19.810	ug/l	96
6) Chloroethane	1.673	64	22655	22.636	ug/l	97
7) Trichlorofluoromethane	1.880	101	58290	19.399	ug/l	98
8) Diethyl Ether	2.130	74	20621	18.923	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	37275	20.532	ug/l	99
10) Methyl Iodide	2.447	142	47560	20.214	ug/l	99
11) Tert butyl alcohol	2.959	59	42712	109.471	ug/l	99
12) 1,1-Dichloroethene	2.313	96	34810	18.797	ug/l	94
13) Acrolein	2.233	56	40943	101.708	ug/l	98
14) Allyl chloride	2.660	41	65689	19.628	ug/l	99
15) Acrylonitrile	3.063	53	108310	103.970	ug/l	99
16) Acetone	2.380	43	91623	108.368	ug/l	99
17) Carbon Disulfide	2.508	76	99216	19.538	ug/l	98
18) Methyl Acetate	2.697	43	54670	20.491	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	115306	19.570	ug/l	99
20) Methylene Chloride	2.782	84	40045	19.337	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	35736	19.607	ug/l	92
22) Diisopropyl ether	3.758	45	126201	19.932	ug/l	94
23) Vinyl Acetate	3.715	43	521018	100.934	ug/l	99
24) 1,1-Dichloroethane	3.605	63	70308	19.845	ug/l	98
25) 2-Butanone	4.550	43	145874	106.252	ug/l	95
26) 2,2-Dichloropropane	4.465	77	55482	19.747	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	43802	20.007	ug/l	99
28) Bromochloromethane	4.891	49	30940	18.172	ug/l	99
29) Tetrahydrofuran	5.001	42	94469	103.625	ug/l	99
30) Chloroform	5.087	83	67614	19.679	ug/l	97
31) Cyclohexane	5.465	56	64999	19.901	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	57025	19.567	ug/l	99
36) 1,1-Dichloropropene	5.690	75	46149	18.766	ug/l	97
37) Ethyl Acetate	4.709	43	54369	19.877	ug/l	99
38) Carbon Tetrachloride	5.672	117	47637	19.768	ug/l	100
39) Methylcyclohexane	7.373	83	67384	21.195	ug/l	99
40) Benzene	6.032	78	154127	20.072	ug/l	100

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41) Methacrylonitrile	4.910	41	30898	21.104	ug/l	98
42) 1,2-Dichloroethane	6.080	62	49858	20.372	ug/l	98
43) Isopropyl Acetate	6.336	43	87957	19.913	ug/l	100
44) Trichloroethene	7.123	130	34718	19.780	ug/l	95
45) 1,2-Dichloropropane	7.428	63	37975	19.878	ug/l	98
46) Dibromomethane	7.574	93	25522	19.264	ug/l	96
47) Bromodichloromethane	7.818	83	51588	20.110	ug/l	99
48) Methyl methacrylate	7.690	41	42266	20.294	ug/l	99
49) 1,4-Dioxane	7.659	88	19987	447.298	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	290064	108.019	ug/l	99
52) Toluene	8.714	92	92132	20.146	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	51313	19.766	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	58644	20.261	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	34995	19.906	ug/l	96
56) Ethyl methacrylate	9.116	69	57965	20.415	ug/l	99
57) 1,3-Dichloropropane	9.305	76	61524	20.002	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	128363	92.073	ug/l	99
59) 2-Hexanone	9.427	43	214872	111.057	ug/l	99
60) Dibromochloromethane	9.519	129	37432	19.909	ug/l	98
61) 1,2-Dibromoethane	9.604	107	36482	20.475	ug/l	99
64) Tetrachloroethene	9.269	164	29427	20.765	ug/l	97
65) Chlorobenzene	10.073	112	99689	20.654	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	31269	20.128	ug/l	99
67) Ethyl Benzene	10.189	91	174238	20.457	ug/l	99
68) m/p-Xylenes	10.299	106	131822	41.956	ug/l	100
69) o-Xylene	10.640	106	65016	20.623	ug/l	99
70) Styrene	10.653	104	106815	21.030	ug/l	99
71) Bromoform	10.799	173	23731	20.468	ug/l #	100
73) Isopropylbenzene	10.957	105	164365	19.781	ug/l	100
74) N-amyl acetate	10.842	43	77027	20.486	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	56806	19.895	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	46830m	20.468	ug/l	
77) Bromobenzene	11.195	156	37952	20.147	ug/l	97
78) n-propylbenzene	11.299	91	194513	20.282	ug/l	100
79) 2-Chlorotoluene	11.360	91	116272	19.726	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	138168	20.491	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	16892	18.992	ug/l	95
82) 4-Chlorotoluene	11.451	91	128990	19.780	ug/l	99
83) tert-Butylbenzene	11.713	119	135479	19.861	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	138666	20.836	ug/l	100
85) sec-Butylbenzene	11.890	105	173020	20.484	ug/l	99
86) p-Isopropyltoluene	12.006	119	142146	20.926	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	68041	19.641	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	69642	19.883	ug/l	100
89) n-Butylbenzene	12.329	91	126612	21.069	ug/l	100
90) Hexachloroethane	12.536	117	24543	19.296	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	69056	20.283	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	10120	19.420	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	40207	19.516	ug/l	100
94) Hexachlorobutadiene	13.719	225	16410	20.065	ug/l	99
95) Naphthalene	13.774	128	148642	19.959	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	40645	19.579	ug/l	99

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

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