

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051223\
 Data File : VX035644.D
 Acq On : 12 May 2023 17:37
 Operator : JC/MD
 Sample : 02213-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

Quant Time: May 15 02:00:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	148192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	304446	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	267707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	170168	65.822	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	131.640%#
35) Dibromofluoromethane	5.391	113	107679	52.445	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.900%
50) Toluene-d8	8.647	98	351358	46.323	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.640%
62) 4-Bromofluorobenzene	11.079	95	139895	45.807	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.620%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	1131	0.586	ug/l	98
3) Chloromethane	1.294	50	3074	1.312	ug/l	90
4) Vinyl Chloride	1.374	62	1779	0.894	ug/l	93
5) Bromomethane	1.611	94	1680	1.560	ug/l	91
6) Chloroethane	1.691	64	1371	1.136	ug/l	# 88
7) Trichlorofluoromethane	1.886	101	2365	0.809	ug/l	91
8) Diethyl Ether	2.136	74	1719	1.527	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	1264	0.728	ug/l	99
10) Methyl Iodide	2.453	142	1388	0.894	ug/l	# 80
11) Tert butyl alcohol	3.014	59	4051m	8.882	ug/l	
12) 1,1-Dichloroethene	2.319	96	1477	0.895	ug/l	# 82
13) Acrolein	2.245	56	3754	6.935	ug/l	98
14) Allyl chloride	2.666	41	4480	1.267	ug/l	# 94
15) Acrylonitrile	3.081	53	7731	7.697	ug/l	95
16) Acetone	2.398	43	9321	8.389	ug/l	99
17) Carbon Disulfide	2.508	76	3067	0.770	ug/l	99
18) Methyl Acetate	2.709	43	6092	1.487	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	9224	1.405	ug/l	99
20) Methylene Chloride	2.794	84	3418	1.697	ug/l	# 87
21) trans-1,2-Dichloroethene	3.093	96	2099	1.161	ug/l	# 79
22) Diisopropyl ether	3.757	45	9206	1.330	ug/l	93
23) Vinyl Acetate	3.727	43	31412	6.413	ug/l	98
24) 1,1-Dichloroethane	3.611	63	4505	1.217	ug/l	97
25) 2-Butanone	4.580	43	12445	8.091	ug/l	100
26) 2,2-Dichloropropane	4.471	77	2822	0.900	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	2633	1.211	ug/l	91
28) Bromochloromethane	4.903	49	2172	1.304	ug/l	# 99
29) Tetrahydrofuran	5.038	42	7904	8.176	ug/l	96
30) Chloroform	5.092	83	5010	1.321	ug/l	92
31) Cyclohexane	5.464	56	2402	0.735	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	3205	0.971	ug/l	# 51
36) 1,1-Dichloropropene	5.696	75	2853	0.880	ug/l	90
37) Ethyl Acetate	4.721	43	4616	1.366	ug/l	# 92
38) Carbon Tetrachloride	5.672	117	2072	0.675	ug/l	# 81
39) Methylcyclohexane	7.385	83	2189	0.574	ug/l	96
40) Benzene	6.043	78	9519	1.050	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	2554	1.273	ug/l	93
42) 1,2-Dichloroethane	6.092	62	4950	1.269	ug/l	91
43) Isopropyl Acetate	6.342	43	7374	1.251	ug/l	97
44) Trichloroethene	7.129	130	1960	0.853	ug/l	93
45) 1,2-Dichloropropane	7.427	63	2671	1.112	ug/l	100
46) Dibromomethane	7.586	93	1781	1.084	ug/l	98
47) Bromodichloromethane	7.824	83	3164	0.996	ug/l #	98
48) Methyl methacrylate	7.696	41	3606	1.240	ug/l	92
49) 1,4-Dioxane	7.732	88	1971	32.602	ug/l #	23
51) 4-Methyl-2-Pentanone	8.573	43	22310	6.570	ug/l	97
52) Toluene	8.720	92	5587	0.976	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	2778	0.805	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	3285	0.888	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	2600	1.157	ug/l #	90
56) Ethyl methacrylate	9.116	69	3789	1.041	ug/l	91
57) 1,3-Dichloropropane	9.311	76	4364	1.071	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.244	63	11487	6.203	ug/l	98
59) 2-Hexanone	9.433	43	16123	6.304	ug/l	97
60) Dibromochloromethane	9.525	129	1775	0.828	ug/l	98
61) 1,2-Dibromoethane	9.610	107	2543	1.074	ug/l	96
64) Tetrachloroethene	9.275	164	1602	0.889	ug/l	89
65) Chlorobenzene	10.079	112	5950	1.018	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	1741	0.843	ug/l #	62
67) Ethyl Benzene	10.195	91	10010	0.911	ug/l	99
68) m/p-Xylenes	10.299	106	7138	1.757	ug/l	95
69) o-Xylene	10.640	106	3831	0.950	ug/l	87
70) Styrene	10.659	104	5413	0.833	ug/l #	90
71) Bromoform	10.799	173	1158	0.852	ug/l #	94
73) Isopropylbenzene	10.963	105	8650	0.897	ug/l	97
74) N-amyl acetate	10.847	43	5106	1.136	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	3878	1.240	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	3641m	1.301	ug/l	
77) Bromobenzene	11.201	156	2468	1.128	ug/l	92
78) n-propylbenzene	11.305	91	10085	0.890	ug/l	98
79) 2-Chlorotoluene	11.366	91	7156	1.009	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	7151	0.873	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	661m	0.761	ug/l	
82) 4-Chlorotoluene	11.457	91	7653	0.937	ug/l	99
83) tert-Butylbenzene	11.713	119	6987	0.877	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	8179	0.994	ug/l	95
85) sec-Butylbenzene	11.890	105	7361	0.736	ug/l	96
86) p-Isopropyltoluene	12.012	119	6084	0.740	ug/l	87
87) 1,3-Dichlorobenzene	11.969	146	4004	0.963	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	4784m	1.140	ug/l	
89) n-Butylbenzene	12.335	91	5194	0.694	ug/l	100
90) Hexachloroethane	12.536	117	768	0.616	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	4532	1.113	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	12.945	75	745	1.070	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	2247	0.917	ug/l	95
94) Hexachlorobutadiene	13.725	225	665	0.684	ug/l	89
95) Naphthalene	13.774	128	9273	1.105	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	2427	1.007	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

