

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051223\
 Data File : VX035645.D
 Acq On : 12 May 2023 18:01
 Operator : JC/MD
 Sample : 02213-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: May 15 02:00:56 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	5.550	168	201887	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	378063	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	333782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160561	45.588	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.180%		
35) Dibromofluoromethane	5.385	113	105793	41.493	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	82.980%		
50) Toluene-d8	8.647	98	386408	41.024	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	82.040%#		
62) 4-Bromofluorobenzene	11.079	95	152824	40.296	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	80.600%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	9944	3.779	ug/l	100
3) Chloromethane	1.294	50	13946	4.368	ug/l	97
4) Vinyl Chloride	1.374	62	11655	4.301	ug/l	99
5) Bromomethane	1.611	94	7415	5.053	ug/l	92
6) Chloroethane	1.691	64	7138	4.342	ug/l	96
7) Trichlorofluoromethane	1.886	101	16484	4.137	ug/l	91
8) Diethyl Ether	2.136	74	7292	4.753	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	9405	3.976	ug/l	98
10) Methyl Iodide	2.453	142	7904	3.736	ug/l	# 86
11) Tert butyl alcohol	3.020	59	14973	24.097	ug/l	# 79
12) 1,1-Dichloroethene	2.319	96	9502	4.226	ug/l	91
13) Acrolein	2.239	56	16629	22.548	ug/l	98
14) Allyl chloride	2.660	41	19277	4.002	ug/l	93
15) Acrylonitrile	3.069	53	35638	26.046	ug/l	98
16) Acetone	2.398	43	35550	23.485	ug/l	98
17) Carbon Disulfide	2.514	76	18662	3.439	ug/l	98
18) Methyl Acetate	2.709	43	26693	4.781	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	42105	4.706	ug/l	97
20) Methylene Chloride	2.788	84	13085	4.770	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	10967	4.452	ug/l	95
22) Diisopropyl ether	3.764	45	43988	4.664	ug/l	91
23) Vinyl Acetate	3.721	43	150509	22.556	ug/l	97
24) 1,1-Dichloroethane	3.611	63	22734	4.507	ug/l	98
25) 2-Butanone	4.574	43	52622	25.112	ug/l	97
26) 2,2-Dichloropropane	4.477	77	15010	3.514	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	13633	4.603	ug/l	96
28) Bromochloromethane	4.910	49	10870	4.791	ug/l	96
29) Tetrahydrofuran	5.026	42	33487	25.425	ug/l	100
30) Chloroform	5.093	83	23263	4.501	ug/l	94
31) Cyclohexane	5.471	56	17713	3.981	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	18630	4.143	ug/l	96
36) 1,1-Dichloropropene	5.690	75	16356	4.064	ug/l	98
37) Ethyl Acetate	4.727	43	20243	4.822	ug/l	99
38) Carbon Tetrachloride	5.678	117	13935	3.655	ug/l	98
39) Methylcyclohexane	7.379	83	17864	3.771	ug/l	92
40) Benzene	6.031	78	49568	4.403	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	11866	4.761	ug/l	94
42) 1,2-Dichloroethane	6.092	62	21992	4.541	ug/l	92
43) Isopropyl Acetate	6.342	43	32382	4.424	ug/l	98
44) Trichloroethene	7.123	130	11847	4.150	ug/l	98
45) 1,2-Dichloropropane	7.434	63	12963	4.347	ug/l	90
46) Dibromomethane	7.580	93	8449	4.139	ug/l	95
47) Bromodichloromethane	7.824	83	15171	3.846	ug/l	96
48) Methyl methacrylate	7.696	41	16155	4.472	ug/l	97
49) 1,4-Dioxane	7.738	88	7190	92.361	ug/l #	73
51) 4-Methyl-2-Pentanone	8.574	43	102127	24.218	ug/l	97
52) Toluene	8.720	92	29767	4.188	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	14553	3.395	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	17309	3.769	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	11586	4.151	ug/l	93
56) Ethyl methacrylate	9.116	69	19101	4.226	ug/l	94
57) 1,3-Dichloropropane	9.311	76	23097	4.564	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	55769	24.252	ug/l	98
59) 2-Hexanone	9.433	43	76379	24.050	ug/l	97
60) Dibromochloromethane	9.525	129	9382	3.526	ug/l	98
61) 1,2-Dibromoethane	9.610	107	12432	4.227	ug/l	100
64) Tetrachloroethene	9.275	164	9631	4.286	ug/l	96
65) Chlorobenzene	10.079	112	31958	4.386	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	9596	3.725	ug/l	97
67) Ethyl Benzene	10.195	91	56542	4.126	ug/l	98
68) m/p-Xylenes	10.299	106	43302	8.549	ug/l	98
69) o-Xylene	10.640	106	21219	4.222	ug/l	93
70) Styrene	10.653	104	33308	4.112	ug/l	97
71) Bromoform	10.799	173	5515	3.253	ug/l #	99
73) Isopropylbenzene	10.963	105	54618	4.384	ug/l	96
74) N-amyl acetate	10.842	43	25736	4.431	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	18500	4.578	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	17370m	4.803	ug/l	
77) Bromobenzene	11.195	156	12798	4.526	ug/l	93
78) n-propylbenzene	11.305	91	61706	4.214	ug/l	97
79) 2-Chlorotoluene	11.366	91	40316	4.397	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	45723	4.318	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	3282	2.925	ug/l #	58
82) 4-Chlorotoluene	11.457	91	45797	4.337	ug/l	99
83) tert-Butylbenzene	11.713	119	42150	4.095	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	45653	4.294	ug/l	96
85) sec-Butylbenzene	11.890	105	52147	4.035	ug/l	100
86) p-Isopropyltoluene	12.006	119	42964	4.044	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	23368	4.350	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	24092	4.442	ug/l	93
89) n-Butylbenzene	12.329	91	34991	3.621	ug/l	98
90) Hexachloroethane	12.536	117	5470	3.397	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	22513	4.280	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	3746	4.163	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	13345	4.214	ug/l	97
94) Hexachlorobutadiene	13.725	225	4527	3.601	ug/l	99
95) Naphthalene	13.774	128	48764	4.496	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	12980	4.167	ug/l	99

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

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