

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051223\
 Data File : VX035641.D
 Acq On : 12 May 2023 16:27
 Operator : JC/MD
 Sample : 02213-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Quant Time: May 15 01:58:05 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	202685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	374314	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	319858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141322	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	185233	52.386	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.780%	
35) Dibromofluoromethane	5.385	113	124128	49.172	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.340%	
50) Toluene-d8	8.647	98	445180	47.737	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.480%	
62) 4-Bromofluorobenzene	11.079	95	171175	45.587	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.180%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	1110	0.420	ug/l	98
3) Chloromethane	1.294	50	1832	0.571	ug/l #	82
4) Vinyl Chloride	1.374	62	1208	0.444	ug/l #	85
5) Bromomethane	1.618	94	1027	0.697	ug/l	94
6) Chloroethane	1.691	64	772	0.468	ug/l #	85
7) Trichlorofluoromethane	1.886	101	1710	0.427	ug/l	89
8) Diethyl Ether	2.136	74	739	0.480	ug/l #	47
9) 1,1,2-Trichlorotrifluo...	2.331	101	1056	0.445	ug/l	95
10) Methyl Iodide	2.447	142	843	0.397	ug/l #	90
11) Tert butyl alcohol	3.014	59	1565m	2.509	ug/l	
12) 1,1-Dichloroethene	2.319	96	981	0.435	ug/l #	60
13) Acrolein	2.239	56	1654	2.234	ug/l	93
14) Allyl chloride	2.666	41	2172	0.449	ug/l	86
15) Acrylonitrile	3.075	53	2963	2.157	ug/l	87
16) Acetone	2.392	43	4159	2.737	ug/l #	88
17) Carbon Disulfide	2.514	76	2152	0.395	ug/l #	94
18) Methyl Acetate	2.703	43	2694	0.481	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	4188	0.466	ug/l	96
20) Methylene Chloride	2.788	84	1665	0.605	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	1104	0.446	ug/l	83
22) Diisopropyl ether	3.757	45	4027	0.425	ug/l	93
23) Vinyl Acetate	3.721	43	13117	1.958	ug/l	98
24) 1,1-Dichloroethane	3.605	63	2236	0.442	ug/l #	81
25) 2-Butanone	4.587	43	5258	2.499	ug/l	99
26) 2,2-Dichloropropane	4.489	77	1496	0.349	ug/l	87
27) cis-1,2-Dichloroethene	4.489	96	1493	0.502	ug/l	91
28) Bromochloromethane	4.897	49	1188	0.522	ug/l #	38
29) Tetrahydrofuran	5.038	42	3221	2.436	ug/l	98
30) Chloroform	5.099	83	2337	0.450	ug/l #	83
31) Cyclohexane	5.471	56	1801	0.403	ug/l #	72
32) 1,1,1-Trichloroethane	5.391	97	1682	0.373	ug/l #	49
36) 1,1-Dichloropropene	5.702	75	1737m	0.436	ug/l	
37) Ethyl Acetate	4.727	43	2262	0.544	ug/l #	70
38) Carbon Tetrachloride	5.678	117	1364	0.361	ug/l #	83
39) Methylcyclohexane	7.379	83	1844	0.393	ug/l #	72
40) Benzene	6.037	78	4344	0.390	ug/l	95

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	1127	0.457	ug/l #	93
42) 1,2-Dichloroethane	6.092	62	2556	0.533	ug/l	90
43) Isopropyl Acetate	6.354	43	2979	0.411	ug/l #	89
44) Trichloroethene	7.135	130	1070	0.379	ug/l	67
45) 1,2-Dichloropropane	7.434	63	1091	0.370	ug/l	95
46) Dibromomethane	7.592	93	785	0.388	ug/l	94
47) Bromodichloromethane	7.830	83	1282	0.328	ug/l #	84
48) Methyl methacrylate	7.702	41	1475	0.412	ug/l	94
49) 1,4-Dioxane	7.726	88	1061	15.379	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	9010	2.158	ug/l	97
52) Toluene	8.720	92	2997	0.426	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	1233	0.291	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	1409	0.310	ug/l #	78
55) 1,1,2-Trichloroethane	9.153	97	1142	0.413	ug/l #	48
56) Ethyl methacrylate	9.116	69	1605	0.359	ug/l	87
57) 1,3-Dichloropropane	9.311	76	2056	0.410	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.238	63	4950	2.174	ug/l	98
59) 2-Hexanone	9.433	43	6528	2.076	ug/l	100
60) Dibromochloromethane	9.525	129	745	0.283	ug/l	83
61) 1,2-Dibromoethane	9.610	107	994	0.341	ug/l	97
64) Tetrachloroethene	9.269	164	927	0.430	ug/l #	77
65) Chlorobenzene	10.079	112	3234	0.463	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.171	131	878	0.356	ug/l #	63
67) Ethyl Benzene	10.195	91	5125	0.390	ug/l	96
68) m/p-Xylenes	10.299	106	4113	0.847	ug/l	98
69) o-Xylene	10.640	106	1912	0.397	ug/l	89
70) Styrene	10.659	104	2688	0.346	ug/l	90
71) Bromoform	10.799	173	459	0.283	ug/l #	94
73) Isopropylbenzene	10.963	105	4562	0.383	ug/l	94
74) N-amyl acetate	10.842	43	2057	0.370	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	1622	0.420	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	1610m	0.466	ug/l	
77) Bromobenzene	11.195	156	1163	0.430	ug/l	87
78) n-propylbenzene	11.305	91	5341	0.382	ug/l	92
79) 2-Chlorotoluene	11.366	91	3767	0.430	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	3879	0.383	ug/l	91
81) trans-1,4-Dichloro-2-b...	11.024	75	263m	0.245	ug/l	
82) 4-Chlorotoluene	11.451	91	4109	0.407	ug/l	95
83) tert-Butylbenzene	11.719	119	3953	0.402	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	4385	0.431	ug/l	94
85) sec-Butylbenzene	11.890	105	4362	0.353	ug/l	99
86) p-Isopropyltoluene	12.012	119	3585	0.353	ug/l #	83
87) 1,3-Dichlorobenzene	11.969	146	2043	0.398	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	2344m	0.452	ug/l	
89) n-Butylbenzene	12.329	91	3112	0.337	ug/l	94
90) Hexachloroethane	12.536	117	459	0.298	ug/l	77
91) 1,2-Dichlorobenzene	12.341	146	2011	0.400	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	12.939	75	283	0.329	ug/l	75
93) 1,2,4-Trichlorobenzene	13.585	180	962	0.318	ug/l #	68
94) Hexachlorobutadiene	13.719	225	409	0.340	ug/l	95
95) Naphthalene	13.774	128	4529	0.437	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	1325	0.445	ug/l	93

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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

