

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051723\
 Data File : VX035727.D
 Acq On : 17 May 2023 18:43
 Operator : JC/MD
 Sample : 02213-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: May 18 06:06:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:00:38 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/18/2023
 Supervised By :Mahesh Dadoda 05/18/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	176264	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	348872	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	301913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	129533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	178565	58.070	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	116.140%		
35) Dibromofluoromethane	5.385	113	114154	48.519	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.040%		
50) Toluene-d8	8.647	98	412857	47.500	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.000%		
62) 4-Bromofluorobenzene	11.079	95	160153	45.762	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.520%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	864	0.376	ug/l	96
3) Chloromethane	1.295	50	1574	0.565	ug/l	95
4) Vinyl Chloride	1.368	62	1138	0.481	ug/l	97
5) Bromomethane	1.618	94	935	0.730	ug/l	# 79
6) Chloroethane	1.691	64	803m	0.559	ug/l	
7) Trichlorofluoromethane	1.886	101	1393	0.400	ug/l	95
8) Diethyl Ether	2.130	74	710	0.530	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.331	101	890	0.431	ug/l	96
10) Methyl Iodide	2.453	142	868	0.470	ug/l	# 79
11) Tert butyl alcohol	3.069	59	1544m	2.846	ug/l	
12) 1,1-Dichloroethene	2.313	96	971	0.495	ug/l	# 71
13) Acrolein	2.246	56	1342	2.084	ug/l	99
14) Allyl chloride	2.660	41	1830	0.435	ug/l	# 93
15) Acrylonitrile	3.081	53	3238	2.710	ug/l	91
16) Acetone	2.398	43	4219	3.192	ug/l	89
17) Carbon Disulfide	2.520	76	1723	0.364	ug/l	# 75
18) Methyl Acetate	2.709	43	2990	0.613	ug/l	# 85
19) Methyl tert-butyl Ether	3.117	73	3844	0.492	ug/l	# 83
20) Methylene Chloride	2.788	84	2125	0.887	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	1037	0.482	ug/l	89
22) Diisopropyl ether	3.751	45	4129	0.501	ug/l	# 48
23) Vinyl Acetate	3.733	43	12812	2.199	ug/l	# 92
24) 1,1-Dichloroethane	3.617	63	2071	0.470	ug/l	# 81
25) 2-Butanone	4.587	43	5567	3.043	ug/l	96
26) 2,2-Dichloropropane	4.471	77	1380	0.370	ug/l	# 69
27) cis-1,2-Dichloroethene	4.495	96	1240	0.480	ug/l	85
28) Bromochloromethane	4.891	49	1065	0.538	ug/l	# 86
29) Tetrahydrofuran	5.032	42	3479	3.025	ug/l	96
30) Chloroform	5.087	83	2405	0.533	ug/l	89
31) Cyclohexane	5.477	56	1616	0.416	ug/l	# 70
32) 1,1,1-Trichloroethane	5.379	97	1749	0.445	ug/l	# 52
36) 1,1-Dichloropropene	5.702	75	1559	0.420	ug/l	# 71
37) Ethyl Acetate	4.721	43	2036	0.526	ug/l	# 84
38) Carbon Tetrachloride	5.684	117	1283	0.365	ug/l	# 80
39) Methylcyclohexane	7.379	83	1466	0.335	ug/l	# 75
40) Benzene	6.044	78	4950	0.476	ug/l	# 86

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41) Methacrylonitrile	4.940	41	1144	0.497	ug/l #	80
42) 1,2-Dichloroethane	6.086	62	2612	0.584	ug/l	83
43) Isopropyl Acetate	6.348	43	3016	0.447	ug/l #	88
44) Trichloroethene	7.141	130	1357	0.515	ug/l	84
45) 1,2-Dichloropropane	7.434	63	1353	0.492	ug/l #	84
46) Dibromomethane	7.580	93	829	0.440	ug/l	90
47) Bromodichloromethane	7.824	83	1401	0.385	ug/l #	91
48) Methyl methacrylate	7.696	41	1472	0.442	ug/l	93
49) 1,4-Dioxane	7.745	88	845m	11.797	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	9302	2.390	ug/l	97
52) Toluene	8.714	92	3194	0.487	ug/l	87
53) t-1,3-Dichloropropene	8.982	75	1191	0.301	ug/l	90
54) cis-1,3-Dichloropropene	8.366	75	1310	0.309	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	1068	0.415	ug/l #	86
56) Ethyl methacrylate	9.116	69	1689	0.405	ug/l	98
57) 1,3-Dichloropropane	9.305	76	2053	0.440	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.244	63	4742	2.235	ug/l	96
59) 2-Hexanone	9.433	43	6329	2.160	ug/l	98
60) Dibromochloromethane	9.519	129	732	0.298	ug/l	99
61) 1,2-Dibromoethane	9.616	107	1032	0.380	ug/l	99
64) Tetrachloroethene	9.281	164	854	0.420	ug/l #	78
65) Chlorobenzene	10.080	112	3184	0.483	ug/l #	87
66) 1,1,1,2-Tetrachloroethane	10.165	131	872	0.374	ug/l #	64
67) Ethyl Benzene	10.189	91	5195	0.419	ug/l	90
68) m/p-Xylenes	10.305	106	3880	0.847	ug/l	94
69) o-Xylene	10.640	106	1908	0.420	ug/l	86
70) Styrene	10.659	104	2733	0.373	ug/l #	89
71) Bromoform	10.805	173	413	0.269	ug/l #	29
73) Isopropylbenzene	10.964	105	4430	0.406	ug/l	95
74) N-amyl acetate	10.842	43	2076	0.408	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	1742	0.492	ug/l	94
76) 1,2,3-Trichloropropane	11.238	75	1822m	0.575	ug/l	
77) Bromobenzene	11.201	156	1070	0.432	ug/l	75
78) n-propylbenzene	11.305	91	4866	0.379	ug/l	99
79) 2-Chlorotoluene	11.366	91	3780	0.471	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	3610	0.389	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.024	75	252m	0.256	ug/l	
82) 4-Chlorotoluene	11.457	91	4113	0.445	ug/l	99
83) tert-Butylbenzene	11.713	119	3430	0.380	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	3585	0.385	ug/l	99
85) sec-Butylbenzene	11.890	105	4064	0.359	ug/l	100
86) p-Isopropyltoluene	12.006	119	3591	0.386	ug/l #	79
87) 1,3-Dichlorobenzene	11.969	146	2111	0.449	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	2428m	0.511	ug/l	
89) n-Butylbenzene	12.335	91	2654	0.313	ug/l	96
90) Hexachloroethane	12.530	117	438	0.310	ug/l	80
91) 1,2-Dichlorobenzene	12.335	146	2285	0.496	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	229	0.290	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	954	0.344	ug/l	95
94) Hexachlorobutadiene	13.725	225	418	0.380	ug/l	90
95) Naphthalene	13.774	128	3754	0.395	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	1028	0.377	ug/l	90

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

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