

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051723\
 Data File : VX035728.D
 Acq On : 17 May 2023 19:06
 Operator : JC/MD
 Sample : 02213-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: May 18 06:13:14 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	171708	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	331356	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	290179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127336	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	175494	58.586	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 117.180%#	
35) Dibromofluoromethane	5.385	113	111777	50.020	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.040%	
50) Toluene-d8	8.647	98	400688	48.537	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.080%	
62) 4-Bromofluorobenzene	11.079	95	159102	47.865	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.740%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.167	85	1363	0.609	ug/l	85
3) Chloromethane	1.295	50	2192	0.807	ug/l	95
4) Vinyl Chloride	1.374	62	1805	0.783	ug/l	96
5) Bromomethane	1.612	94	1373	1.100	ug/l	99
6) Chloroethane	1.691	64	1188	0.850	ug/l	93
7) Trichlorofluoromethane	1.886	101	2338	0.690	ug/l #	72
8) Diethyl Ether	2.136	74	1008	0.773	ug/l #	38
9) 1,1,2-Trichlorotrifluo...	2.331	101	1358	0.675	ug/l	93
10) Methyl Iodide	2.453	142	1276	0.709	ug/l #	93
11) Tert butyl alcohol	3.075	59	2121m	4.013	ug/l	
12) 1,1-Dichloroethene	2.319	96	1436	0.751	ug/l	97
13) Acrolein	2.240	56	2217	3.534	ug/l	93
14) Allyl chloride	2.666	41	3095	0.756	ug/l #	91
15) Acrylonitrile	3.075	53	5249	4.510	ug/l	98
16) Acetone	2.404	43	6204	4.819	ug/l	99
17) Carbon Disulfide	2.508	76	2361	0.512	ug/l	98
18) Methyl Acetate	2.715	43	4392	0.925	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	6230	0.819	ug/l	100
20) Methylene Chloride	2.788	84	2948	1.263	ug/l #	86
21) trans-1,2-Dichloroethene	3.099	96	1518	0.724	ug/l #	81
22) Diisopropyl ether	3.751	45	6592	0.822	ug/l #	53
23) Vinyl Acetate	3.727	43	20309	3.579	ug/l	98
24) 1,1-Dichloroethane	3.611	63	3494	0.815	ug/l	99
25) 2-Butanone	4.574	43	7986	4.481	ug/l	98
26) 2,2-Dichloropropane	4.477	77	1892	0.521	ug/l #	75
27) cis-1,2-Dichloroethene	4.489	96	2035	0.808	ug/l	81
28) Bromochloromethane	4.891	49	1479m	0.767	ug/l	
29) Tetrahydrofuran	5.038	42	5135	4.584	ug/l	98
30) Chloroform	5.099	83	3498	0.796	ug/l #	79
31) Cyclohexane	5.471	56	2662	0.703	ug/l #	85
32) 1,1,1-Trichloroethane	5.379	97	2584m	0.676	ug/l	
36) 1,1-Dichloropropene	5.696	75	2417	0.685	ug/l	91
37) Ethyl Acetate	4.715	43	2760	0.750	ug/l #	86
38) Carbon Tetrachloride	5.672	117	1959	0.586	ug/l #	68
39) Methylcyclohexane	7.373	83	2550	0.614	ug/l #	84
40) Benzene	6.044	78	7225	0.732	ug/l	100

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41) Methacrylonitrile	4.922	41	1946	0.891	ug/l #	80
42) 1,2-Dichloroethane	6.092	62	3376	0.795	ug/l	85
43) Isopropyl Acetate	6.342	43	4623	0.721	ug/l	97
44) Trichloroethene	7.117	130	1851	0.740	ug/l	80
45) 1,2-Dichloropropane	7.428	63	2016	0.771	ug/l	98
46) Dibromomethane	7.580	93	1367	0.764	ug/l	94
47) Bromodichloromethane	7.824	83	2041	0.590	ug/l #	95
48) Methyl methacrylate	7.696	41	2401	0.758	ug/l	98
49) 1,4-Dioxane	7.726	88	1185m	17.419	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	14055	3.803	ug/l	97
52) Toluene	8.714	92	4528	0.727	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	1831	0.487	ug/l	91
54) cis-1,3-Dichloropropene	8.366	75	2082	0.517	ug/l	91
55) 1,1,2-Trichloroethane	9.147	97	1842	0.753	ug/l #	80
56) Ethyl methacrylate	9.116	69	2480	0.626	ug/l	94
57) 1,3-Dichloropropane	9.305	76	3535	0.797	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.245	63	6724	3.336	ug/l	100
59) 2-Hexanone	9.433	43	10215	3.670	ug/l	100
60) Dibromochloromethane	9.525	129	1242	0.533	ug/l	97
61) 1,2-Dibromoethane	9.610	107	1914	0.743	ug/l	88
64) Tetrachloroethene	9.275	164	1475	0.755	ug/l #	76
65) Chlorobenzene	10.080	112	4715	0.744	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.165	131	1214	0.542	ug/l #	66
67) Ethyl Benzene	10.195	91	8035	0.674	ug/l	96
68) m/p-Xylenes	10.299	106	5667	1.287	ug/l	87
69) o-Xylene	10.640	106	2645	0.605	ug/l	81
70) Styrene	10.653	104	4681	0.665	ug/l	95
71) Bromoform	10.799	173	692	0.470	ug/l #	90
73) Isopropylbenzene	10.964	105	6740	0.628	ug/l	99
74) N-amyl acetate	10.842	43	3134	0.626	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	2876	0.826	ug/l	96
76) 1,2,3-Trichloropropane	11.238	75	2662m	0.855	ug/l	
77) Bromobenzene	11.201	156	1788	0.734	ug/l	84
78) n-propylbenzene	11.305	91	8010	0.635	ug/l	99
79) 2-Chlorotoluene	11.366	91	5477	0.694	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	5605	0.615	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	395m	0.409	ug/l	
82) 4-Chlorotoluene	11.457	91	6443	0.708	ug/l	98
83) tert-Butylbenzene	11.713	119	5797	0.654	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	5588	0.610	ug/l	95
85) sec-Butylbenzene	11.890	105	6956	0.625	ug/l	94
86) p-Isopropyltoluene	12.006	119	5123	0.560	ug/l	91
87) 1,3-Dichlorobenzene	11.969	146	3275	0.708	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	3620m	0.775	ug/l	
89) n-Butylbenzene	12.329	91	4348	0.522	ug/l	97
90) Hexachloroethane	12.536	117	695	0.501	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	3293	0.727	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.945	75	451	0.582	ug/l	80
93) 1,2,4-Trichlorobenzene	13.591	180	1754	0.643	ug/l	85
94) Hexachlorobutadiene	13.719	225	627	0.579	ug/l	97
95) Naphthalene	13.774	128	6167	0.660	ug/l	97
96) 1,2,3-Trichlorobenzene	13.957	180	1697	0.633	ug/l	94

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

