

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022123\
 Data File : VX034212.D
 Acq On : 21 Feb 2023 16:17
 Operator : JC/MD
 Sample : 01627-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Quant Time: Feb 22 03:00:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 02:40:46 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2023
 Supervised By : Mahesh Dadoda 02/22/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	325031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	535720	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	472226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	216150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	192599	43.999	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.000%		
35) Dibromofluoromethane	5.385	113	165958	47.579	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.160%		
50) Toluene-d8	8.647	98	611207	48.806	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.620%		
62) 4-Bromofluorobenzene	11.079	95	213919	44.657	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6506	2.316	ug/l	97
3) Chloromethane	1.300	50	9545	2.362	ug/l	92
4) Vinyl Chloride	1.374	62	9696	2.634	ug/l	99
5) Bromomethane	1.605	94	6535	4.474	ug/l	91
6) Chloroethane	1.685	64	6154	3.326	ug/l	100
7) Trichlorofluoromethane	1.886	101	14155	2.842	ug/l	100
8) Diethyl Ether	2.136	74	5542	2.762	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	8054	2.297	ug/l	95
10) Methyl Iodide	2.453	142	7455	1.746	ug/l	93
11) Tert butyl alcohol	2.953	59	14742	15.057	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	8360	2.378	ug/l	92
13) Acrolein	2.239	56	6700	14.991	ug/l	91
14) Allyl chloride	2.666	41	16201	2.172	ug/l	88
15) Acrylonitrile	3.068	53	25220	11.808	ug/l	99
16) Acetone	2.380	43	23322	10.328	ug/l	93
17) Carbon Disulfide	2.514	76	21297	2.107	ug/l #	94
18) Methyl Acetate	2.703	43	14352	2.054	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	29397	2.369	ug/l	95
20) Methylene Chloride	2.788	84	10159	2.497	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	8850	2.402	ug/l	92
22) Diisopropyl ether	3.763	45	31929	2.442	ug/l	91
23) Vinyl Acetate	3.727	43	121544	11.604	ug/l	99
24) 1,1-Dichloroethane	3.617	63	16119	2.246	ug/l	97
25) 2-Butanone	4.568	43	35349	10.819	ug/l #	89
26) 2,2-Dichloropropane	4.477	77	14179	2.181	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	10256	2.351	ug/l	97
28) Bromochloromethane	4.897	49	7515	2.347	ug/l #	90
29) Tetrahydrofuran	5.013	42	23336	11.708	ug/l	99
30) Chloroform	5.099	83	15868	2.302	ug/l	95
31) Cyclohexane	5.464	56	14406	2.204	ug/l	86
32) 1,1,1-Trichloroethane	5.385	97	14420	2.334	ug/l	97
36) 1,1-Dichloropropene	5.702	75	12309	2.386	ug/l	97
37) Ethyl Acetate	4.727	43	13083	2.269	ug/l	96
38) Carbon Tetrachloride	5.684	117	12193	2.297	ug/l	97
39) Methylcyclohexane	7.379	83	13756	2.072	ug/l	88
40) Benzene	6.044	78	35418	2.317	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	7068m	2.200	ug/l	
42) 1,2-Dichloroethane	6.092	62	12366	2.300	ug/l	99
43) Isopropyl Acetate	6.342	43	22792	2.240	ug/l	98
44) Trichloroethene	7.135	130	9153	2.333	ug/l	96
45) 1,2-Dichloropropane	7.434	63	9158	2.250	ug/l	97
46) Dibromomethane	7.586	93	6162	2.301	ug/l	86
47) Bromodichloromethane	7.824	83	11894	2.164	ug/l #	98
48) Methyl methacrylate	7.696	41	11067	2.292	ug/l	98
49) 1,4-Dioxane	7.665	88	4262	44.251	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	68698	12.274	ug/l	99
52) Toluene	8.720	92	21829	2.357	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	13172	2.082	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	14324	2.115	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	9036	2.417	ug/l	96
56) Ethyl methacrylate	9.122	69	14025	2.217	ug/l	98
57) 1,3-Dichloropropane	9.311	76	15479	2.380	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	33678	12.292	ug/l	96
59) 2-Hexanone	9.433	43	50008	11.723	ug/l	98
60) Dibromochloromethane	9.525	129	9299	2.251	ug/l	94
61) 1,2-Dibromoethane	9.610	107	9179	2.321	ug/l	98
64) Tetrachloroethene	9.275	164	8332	2.500	ug/l	95
65) Chlorobenzene	10.079	112	23844	2.422	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	8397	2.204	ug/l	96
67) Ethyl Benzene	10.195	91	40578	2.295	ug/l	99
68) m/p-Xylenes	10.299	106	30788	4.549	ug/l	95
69) o-Xylene	10.640	106	15712	2.332	ug/l	97
70) Styrene	10.659	104	24239	2.212	ug/l	97
71) Bromoform	10.799	173	6375	2.050	ug/l #	95
73) Isopropylbenzene	10.963	105	38319	2.326	ug/l	98
74) N-amyl acetate	10.841	43	18161	2.194	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	13342	2.368	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	13255m	2.437	ug/l	
77) Bromobenzene	11.201	156	10256	2.587	ug/l	90
78) n-propylbenzene	11.305	91	43020	2.245	ug/l	99
79) 2-Chlorotoluene	11.366	91	27929	2.377	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	32571	2.352	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	4008	1.893	ug/l	99
82) 4-Chlorotoluene	11.457	91	30900	2.309	ug/l	96
83) tert-Butylbenzene	11.713	119	33492	2.361	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	31111	2.222	ug/l	96
85) sec-Butylbenzene	11.890	105	39107	2.270	ug/l	100
86) p-Isopropyltoluene	12.012	119	32302	2.266	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	17833	2.399	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	18112	2.415	ug/l	87
89) n-Butylbenzene	12.335	91	26065	2.053	ug/l	97
90) Hexachloroethane	12.536	117	6151	2.064	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	17417	2.394	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2570	1.913	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	10415	2.230	ug/l	96
94) Hexachlorobutadiene	13.725	225	4109	2.122	ug/l	96
95) Naphthalene	13.780	128	34601	2.199	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	10206	2.201	ug/l	99

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

