

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
 Data File : VX030072.D
 Acq On : 14 Jul 2022 19:41
 Operator : JC/MD
 Sample : N3214-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2022

Quant Time: Jul 15 06:41:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 15 06:39:43 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/15/2022
 Supervised By : Mahesh Dadoda 07/15/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	152184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	289887	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	114018	61.553	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 123.100%			
35) Dibromofluoromethane	5.397	113	99864	53.925	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.860%			
50) Toluene-d8	8.653	98	359701	51.645	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.280%			
62) 4-Bromofluorobenzene	11.085	95	118973	49.223	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	617	0.382	ug/l	90
3) Chloromethane	1.288	50	636	0.401	ug/l #	77
4) Vinyl Chloride	1.374	62	771	0.438	ug/l #	79
5) Bromomethane	1.611	94	589	0.787	ug/l	85
6) Chloroethane	1.685	64	785	0.791	ug/l #	85
7) Trichlorofluoromethane	1.892	101	1138	0.500	ug/l #	74
8) Diethyl Ether	2.142	74	505	0.537	ug/l #	24
9) 1,1,2-Trichlorotrifluo...	2.325	101	702	0.452	ug/l #	77
10) Methyl Iodide	2.453	142	608	0.476	ug/l #	90
11) Tert butyl alcohol	2.971	59	1987	4.156	ug/l #	88
12) 1,1-Dichloroethene	2.325	96	747	0.482	ug/l #	72
13) Acrolein	2.209	56	60	0.630	ug/l #	46
14) Allyl chloride	2.660	41	1164	0.430	ug/l #	72
15) Acrylonitrile	3.068	53	3199	2.944	ug/l	95
16) Acetone	2.398	43	3168	3.630	ug/l	96
17) Carbon Disulfide	2.508	76	1451	0.372	ug/l #	79
18) Methyl Acetate	2.715	43	2317	0.873	ug/l	98
19) Methyl tert-butyl Ether	3.129	73	2527	0.516	ug/l #	79
20) Methylene Chloride	2.788	84	1477	0.731	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	836	0.517	ug/l #	71
22) Diisopropyl ether	3.776	45	3235	0.610	ug/l #	80
23) Vinyl Acetate	3.727	43	10270	2.287	ug/l	97
24) 1,1-Dichloroethane	3.611	63	1813	0.617	ug/l #	89
25) 2-Butanone	4.593	43	4628	3.113	ug/l #	84
27) cis-1,2-Dichloroethene	4.501	96	882	0.446	ug/l	85
28) Bromochloromethane	4.903	49	665	0.538	ug/l #	92
29) Tetrahydrofuran	5.038	42	3210	3.181	ug/l	99
30) Chloroform	5.111	83	1732m	0.591	ug/l	
31) Cyclohexane	5.470	56	1009	0.376	ug/l #	89
32) 1,1,1-Trichloroethane	5.397	97	1185m	0.495	ug/l	
36) 1,1-Dichloropropene	5.702	75	1518	0.635	ug/l #	70
37) Ethyl Acetate	4.733	43	1296m	0.422	ug/l	
38) Carbon Tetrachloride	5.678	117	945	0.424	ug/l #	57
39) Methylcyclohexane	7.391	83	1041	0.343	ug/l #	72
40) Benzene	6.050	78	3566	0.474	ug/l	92
41) Methacrylonitrile	4.946	41	1076	0.650	ug/l #	63

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42) 1,2-Dichloroethane	6.098	62	1613	0.691	ug/l	85
43) Isopropyl Acetate	6.361	43	2600	0.563	ug/l #	77
44) Trichloroethene	7.129	130	1485	0.675	ug/l	98
45) 1,2-Dichloropropane	7.440	63	1065	0.544	ug/l #	86
46) Dibromomethane	7.586	93	729	0.541	ug/l	91
47) Bromodichloromethane	7.824	83	1238	0.507	ug/l #	96
48) Methyl methacrylate	7.708	41	1323	0.620	ug/l #	78
49) 1,4-Dioxane	7.696	88	717m	12.940	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	7653	2.502	ug/l	94
52) Toluene	8.726	92	2171	0.454	ug/l	92
53) t-1,3-Dichloropropene	8.988	75	1031	0.406	ug/l #	85
54) cis-1,3-Dichloropropene	8.378	75	1322	0.455	ug/l #	77
55) 1,1,2-Trichloroethane	9.159	97	1126	0.571	ug/l #	83
56) Ethyl methacrylate	9.128	69	1472	0.497	ug/l	88
57) 1,3-Dichloropropane	9.317	76	1634	0.522	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.257	63	3280	2.038	ug/l	98
59) 2-Hexanone	9.439	43	5686	2.424	ug/l	93
60) Dibromochloromethane	9.531	129	930	0.484	ug/l	97
61) 1,2-Dibromoethane	9.610	107	931	0.454	ug/l	92
64) Tetrachloroethene	9.281	164	3013	1.452	ug/l #	93
65) Chlorobenzene	10.085	112	2474	0.481	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	756	0.431	ug/l #	55
67) Ethyl Benzene	10.195	91	4017	0.460	ug/l	92
68) m/p-Xylenes	10.305	106	2766	0.808	ug/l	90
69) o-Xylene	10.646	106	1299	0.379	ug/l	80
70) Styrene	10.659	104	2115	0.372	ug/l #	89
71) Bromoform	10.805	173	711	0.504	ug/l #	91
73) Isopropylbenzene	10.969	105	3335	0.428	ug/l	83
74) N-amyl acetate	10.848	43	1642	0.479	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.219	83	1559	0.554	ug/l	99
76) 1,2,3-Trichloropropane	11.250	75	1556m	0.604	ug/l	
77) Bromobenzene	11.201	156	1185	0.607	ug/l	84
78) n-propylbenzene	11.311	91	3929	0.425	ug/l	91
79) 2-Chlorotoluene	11.372	91	2699	0.487	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	2367	0.360	ug/l	75
81) trans-1,4-Dichloro-2-b...	11.018	75	346m	0.388	ug/l	
82) 4-Chlorotoluene	11.463	91	3113	0.501	ug/l	100
83) tert-Butylbenzene	11.719	119	2789	0.442	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	2630	0.405	ug/l	79
85) sec-Butylbenzene	11.890	105	3229	0.387	ug/l	99
86) p-Isopropyltoluene	12.012	119	2372	0.355	ug/l #	76
87) 1,3-Dichlorobenzene	11.975	146	1781	0.494	ug/l	92
88) 1,4-Dichlorobenzene	12.042	146	2039m	0.551	ug/l	
89) n-Butylbenzene	12.335	91	1795	0.300	ug/l	86
90) Hexachloroethane	12.536	117	522	0.457	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	1609	0.439	ug/l	79
92) 1,2-Dibromo-3-Chloropr...	12.945	75	317	0.493	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	1029	0.457	ug/l	87
94) Hexachlorobutadiene	13.731	225	289	0.322	ug/l #	67
95) Naphthalene	13.780	128	3528	0.395	ug/l	95
96) 1,2,3-Trichlorobenzene	13.963	180	968	0.423	ug/l	96

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

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