

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 Data File : VX030022.D
 Acq On : 12 Jul 2022 16:17
 Operator : JC/MD
 Sample : N3214-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

Quant Time: Jul 13 09:25:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:24:02 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	204180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	358395	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	127199	51.182	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.360%			
35) Dibromofluoromethane	5.391	113	115133	50.286	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.580%			
50) Toluene-d8	8.653	98	434243	50.429	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.860%			
62) 4-Bromofluorobenzene	11.079	95	145498	48.690	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	1297	0.599	ug/l	96
3) Chloromethane	1.288	50	1646	0.774	ug/l	91
4) Vinyl Chloride	1.374	62	1572	0.665	ug/l #	59
5) Bromomethane	1.605	94	968	0.964	ug/l	95
6) Chloroethane	1.685	64	1056	0.793	ug/l #	85
7) Trichlorofluoromethane	1.892	101	2259	0.740	ug/l	91
8) Diethyl Ether	2.136	74	990	0.784	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	1351	0.648	ug/l #	81
10) Methyl Iodide	2.453	142	980	0.572	ug/l #	82
11) Tert butyl alcohol	2.983	59	4565m	7.117	ug/l	
12) 1,1-Dichloroethene	2.319	96	1817	0.873	ug/l #	72
13) Acrolein	2.240	56	764	5.981	ug/l	98
14) Allyl chloride	2.666	41	2939	0.808	ug/l	91
15) Acrylonitrile	3.075	53	5585	3.831	ug/l	95
16) Acetone	2.386	43	5772	4.929	ug/l	95
17) Carbon Disulfide	2.514	76	3565	0.681	ug/l	100
18) Methyl Acetate	2.709	43	3011	0.845	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	5019	0.763	ug/l	96
20) Methylene Chloride	2.794	84	2238	0.826	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	1523	0.702	ug/l	95
22) Diisopropyl ether	3.776	45	5052	0.710	ug/l #	73
23) Vinyl Acetate	3.727	43	20278	3.366	ug/l	99
24) 1,1-Dichloroethane	3.611	63	3094	0.785	ug/l #	82
25) 2-Butanone	4.581	43	7575	3.797	ug/l	91
26) 2,2-Dichloropropane	4.477	77	2130	0.769	ug/l #	70
27) cis-1,2-Dichloroethene	4.507	96	1949	0.734	ug/l	57
28) Bromochloromethane	4.904	49	1233	0.743	ug/l #	69
29) Tetrahydrofuran	5.013	42	5255	3.882	ug/l	91
30) Chloroform	5.093	83	2979m	0.758	ug/l	
31) Cyclohexane	5.471	56	2425	0.673	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	2568	0.800	ug/l #	37
36) 1,1-Dichloropropene	5.690	75	2390	0.808	ug/l	83
37) Ethyl Acetate	4.733	43	2698	0.710	ug/l	94
38) Carbon Tetrachloride	5.690	117	2064	0.748	ug/l #	80
39) Methylcyclohexane	7.385	83	2705	0.722	ug/l #	82
40) Benzene	6.050	78	6771	0.727	ug/l #	85

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	1742m	0.851	ug/l	
42) 1,2-Dichloroethane	6.105	62	2392	0.829	ug/l	100
43) Isopropyl Acetate	6.355	43	4526	0.792	ug/l #	86
44) Trichloroethene	7.129	130	2352	0.865	ug/l	94
45) 1,2-Dichloropropane	7.434	63	1841	0.761	ug/l	100
46) Dibromomethane	7.598	93	1318	0.791	ug/l	97
47) Bromodichloromethane	7.830	83	2011	0.666	ug/l #	82
48) Methyl methacrylate	7.702	41	2053	0.779	ug/l #	88
49) 1,4-Dioxane	7.684	88	1175	17.153	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	14636	3.871	ug/l	98
52) Toluene	8.726	92	4089	0.692	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	2257	0.719	ug/l	94
54) cis-1,3-Dichloropropene	8.379	75	2584	0.719	ug/l #	87
55) 1,1,2-Trichloroethane	9.159	97	1958	0.803	ug/l #	80
56) Ethyl methacrylate	9.122	69	2593	0.708	ug/l	97
57) 1,3-Dichloropropane	9.311	76	3122	0.806	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.251	63	6684	3.359	ug/l	95
59) 2-Hexanone	9.433	43	9831	3.390	ug/l	91
60) Dibromochloromethane	9.525	129	1842	0.776	ug/l	96
61) 1,2-Dibromoethane	9.616	107	1742	0.687	ug/l	98
64) Tetrachloroethene	9.281	164	2030	0.815	ug/l #	84
65) Chlorobenzene	10.080	112	4840	0.783	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	1404	0.667	ug/l #	52
67) Ethyl Benzene	10.195	91	7837	0.749	ug/l	90
68) m/p-Xylenes	10.305	106	6057	1.475	ug/l	97
69) o-Xylene	10.647	106	3027	0.736	ug/l	92
70) Styrene	10.659	104	4771	0.699	ug/l	98
71) Bromoform	10.811	173	1189	0.703	ug/l #	95
73) Isopropylbenzene	10.964	105	6701	0.699	ug/l	90
74) N-amyl acetate	10.848	43	2867	0.681	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.214	83	2897	0.838	ug/l #	96
76) 1,2,3-Trichloropropane	11.244	75	2386m	0.754	ug/l	
77) Bromobenzene	11.201	156	1917	0.799	ug/l	90
78) n-propylbenzene	11.311	91	8084	0.711	ug/l	99
79) 2-Chlorotoluene	11.366	91	5487	0.806	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	6778	0.839	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.025	75	852m	0.777	ug/l	
82) 4-Chlorotoluene	11.457	91	5975	0.783	ug/l	91
83) tert-Butylbenzene	11.713	119	5765	0.744	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	6012	0.753	ug/l	100
85) sec-Butylbenzene	11.890	105	6902	0.674	ug/l	98
86) p-Isopropyltoluene	12.012	119	5698	0.694	ug/l	88
87) 1,3-Dichlorobenzene	11.969	146	3672	0.829	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	4047m	0.890	ug/l	
89) n-Butylbenzene	12.335	91	5344	0.726	ug/l	100
90) Hexachloroethane	12.543	117	951	0.677	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	3389	0.753	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	12.945	75	898	1.137	ug/l	55
93) 1,2,4-Trichlorobenzene	13.591	180	2174	0.786	ug/l	97
94) Hexachlorobutadiene	13.725	225	953	0.863	ug/l	87
95) Naphthalene	13.780	128	9251	0.843	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2465	0.876	ug/l	91

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

