

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030822\
 Data File : VX027337.D
 Acq On : 08 Mar 2022 17:35
 Operator : JC/MD
 Sample : N1645-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2022

Quant Time: Mar 09 03:14:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 09 03:13:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/09/2022
 Supervised By : Mahesh Dadoda 03/09/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	294988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	472349	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	428114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	194781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	205243	59.664	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 119.320%			
35) Dibromofluoromethane	5.391	113	161868	53.108	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.220%			
50) Toluene-d8	8.653	98	650585	56.540	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 113.080%			
62) 4-Bromofluorobenzene	11.079	95	206230	47.025	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	3598	1.190	ug/l	93
3) Chloromethane	1.294	50	3820	1.201	ug/l	95
4) Vinyl Chloride	1.373	62	3745	1.146	ug/l	93
5) Bromomethane	1.599	94	3302	2.302	ug/l	98
6) Chloroethane	1.678	64	3002	1.470	ug/l #	84
7) Trichlorofluoromethane	1.886	101	5810	1.277	ug/l	97
8) Diethyl Ether	2.135	74	2019	1.139	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	3345	1.124	ug/l	97
10) Methyl Iodide	2.452	142	4922	1.172	ug/l	95
11) Tert butyl alcohol	2.965	59	4124	6.115	ug/l	96
12) 1,1-Dichloroethene	2.318	96	2953	1.032	ug/l #	83
13) Acrolein	2.239	56	3419	7.233	ug/l	95
14) Allyl chloride	2.666	41	4895	1.091	ug/l #	84
15) Acrylonitrile	3.068	53	9128	5.143	ug/l	98
16) Acetone	2.379	43	9039	5.982	ug/l #	85
17) Carbon Disulfide	2.513	76	9240	1.189	ug/l	98
18) Methyl Acetate	2.702	43	4676	1.237	ug/l #	88
19) Methyl tert-butyl Ether	3.117	73	9748	1.029	ug/l	95
20) Methylene Chloride	2.794	84	4636	1.379	ug/l #	90
21) trans-1,2-Dichloroethene	3.099	96	3117	0.980	ug/l #	90
22) Diisopropyl ether	3.757	45	9019	1.006	ug/l #	40
23) Vinyl Acetate	3.733	43	36611	4.879	ug/l	93
24) 1,1-Dichloroethane	3.611	63	5590	1.026	ug/l	98
25) 2-Butanone	4.568	43	12935	5.459	ug/l	93
26) 2,2-Dichloropropane	4.483	77	4007	1.026	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	3546	0.961	ug/l	93
28) Bromochloromethane	4.903	49	2593	1.144	ug/l #	88
29) Tetrahydrofuran	5.019	42	8436	5.381	ug/l	93
30) Chloroform	5.111	83	6330	1.101	ug/l	87
31) Cyclohexane	5.482	56	4715	0.980	ug/l	85
32) 1,1,1-Trichloroethane	5.385	97	5306	1.080	ug/l #	41
36) 1,1-Dichloropropene	5.690	75	4650	1.099	ug/l	97
37) Ethyl Acetate	4.720	43	5373	1.205	ug/l #	87
38) Carbon Tetrachloride	5.684	117	4611	1.054	ug/l	88
39) Methylcyclohexane	7.385	83	5113	0.957	ug/l	97
40) Benzene	6.043	78	12679	0.984	ug/l	99

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41) Methacrylonitrile	4.934	41	2635	1.096	ug/l	91
42) 1,2-Dichloroethane	6.092	62	5589	1.327	ug/l	92
43) Isopropyl Acetate	6.348	43	6909	1.027	ug/l	93
44) Trichloroethene	7.128	130	3657	1.033	ug/l	91
45) 1,2-Dichloropropane	7.439	63	3261	1.010	ug/l #	83
46) Dibromomethane	7.586	93	2509	1.092	ug/l	95
47) Bromodichloromethane	7.823	83	4529	1.067	ug/l #	93
48) Methyl methacrylate	7.702	41	3635	1.087	ug/l #	81
49) 1,4-Dioxane	7.671	88	1788	20.420	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	24403	5.421	ug/l	92
52) Toluene	8.726	92	9103	1.108	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	3724	0.855	ug/l	93
54) cis-1,3-Dichloropropene	8.372	75	4526	0.926	ug/l #	91
55) 1,1,2-Trichloroethane	9.159	97	3521	1.027	ug/l #	88
56) Ethyl methacrylate	9.122	69	4382	0.866	ug/l #	72
57) 1,3-Dichloropropane	9.311	76	5807	1.049	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	11546	4.521	ug/l	98
59) 2-Hexanone	9.433	43	16932	4.869	ug/l	87
60) Dibromochloromethane	9.524	129	3187	0.911	ug/l	93
61) 1,2-Dibromoethane	9.616	107	3542	1.000	ug/l	96
64) Tetrachloroethene	9.274	164	3236	1.079	ug/l	90
65) Chlorobenzene	10.079	112	9168	1.018	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.165	131	3011	0.956	ug/l #	62
67) Ethyl Benzene	10.195	91	15215	0.980	ug/l	98
68) m/p-Xylenes	10.305	106	11416	1.874	ug/l	90
69) o-Xylene	10.646	106	5526	0.919	ug/l	87
70) Styrene	10.658	104	8605	0.862	ug/l	91
71) Bromoform	10.799	173	2107	0.819	ug/l #	99
73) Isopropylbenzene	10.963	105	14146	0.993	ug/l	99
74) N-amyl acetate	10.847	43	5366	1.031	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	5090	1.040	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	4626m	1.082	ug/l	
77) Bromobenzene	11.201	156	3846	1.070	ug/l	95
78) n-propylbenzene	11.305	91	16225	1.013	ug/l	96
79) 2-Chlorotoluene	11.366	91	10611	1.060	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	12362	1.012	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.018	75	866m	0.655	ug/l	
82) 4-Chlorotoluene	11.457	91	12131	1.071	ug/l	95
83) tert-Butylbenzene	11.719	119	11849	0.971	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	11589	0.957	ug/l	98
85) sec-Butylbenzene	11.890	105	14065	0.955	ug/l	98
86) p-Isopropyltoluene	12.012	119	11651	0.935	ug/l	90
87) 1,3-Dichlorobenzene	11.975	146	7184	1.064	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	7888m	1.154	ug/l	
89) n-Butylbenzene	12.335	91	9911	0.949	ug/l	93
90) Hexachloroethane	12.542	117	1706	0.878	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	6611	0.993	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1005	0.980	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	4650	1.064	ug/l	93
94) Hexachlorobutadiene	13.731	225	2056	1.073	ug/l	94
95) Naphthalene	13.780	128	13949	0.951	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	5302	1.214	ug/l	92

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

