

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032522\
 Data File : VX027711.D
 Acq On : 25 Mar 2022 21:14
 Operator : JC/MD
 Sample : N1645-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022

Quant Time: Mar 26 07:00:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 06:55:17 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2022
 Supervised By : Mahesh Dadoda 03/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	60681	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	108730	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	90812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50745	50.987	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	101.980%		
35) Dibromofluoromethane	5.391	113	35194	49.290	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.580%		
50) Toluene-d8	8.653	98	122444	44.361	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	88.720%		
62) 4-Bromofluorobenzene	11.085	95	45007	40.185	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	80.380%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	510	0.725	ug/l	92
3) Chloromethane	1.294	50	569	0.780	ug/l	# 86
4) Vinyl Chloride	1.373	62	463	0.661	ug/l	100
5) Bromomethane	1.605	94	486	1.728	ug/l	# 72
6) Chloroethane	1.684	64	381m	0.848	ug/l	
7) Trichlorofluoromethane	1.886	101	710	0.687	ug/l	94
8) Diethyl Ether	2.129	74	244	0.654	ug/l	68
9) 1,1,2-Trichlorotrifluo...	2.325	101	568	0.821	ug/l	# 75
10) Methyl Iodide	2.453	142	649	0.961	ug/l	# 87
11) Tert butyl alcohol	2.959	59	564	3.044	ug/l	# 94
12) 1,1-Dichloroethene	2.325	96	537	0.833	ug/l	81
13) Acrolein	2.245	56	549	4.233	ug/l	# 83
14) Allyl chloride	2.660	41	897	0.736	ug/l	# 93
15) Acrylonitrile	3.074	53	1634	3.601	ug/l	# 91
16) Acetone	2.379	43	1555	3.694	ug/l	# 69
17) Carbon Disulfide	2.513	76	1347	0.779	ug/l	# 84
18) Methyl Acetate	2.702	43	809	0.752	ug/l	# 84
19) Methyl tert-butyl Ether	3.123	73	1813	0.766	ug/l	97
20) Methylene Chloride	2.788	84	727	0.968	ug/l	# 77
21) trans-1,2-Dichloroethene	3.093	96	503	0.702	ug/l	96
22) Diisopropyl ether	3.775	45	1722	0.709	ug/l	# 78
23) Vinyl Acetate	3.727	43	7191	3.385	ug/l	# 90
24) 1,1-Dichloroethane	3.611	63	1034	0.751	ug/l	# 81
25) 2-Butanone	4.574	43	2649	3.919	ug/l	# 85
26) 2,2-Dichloropropane	4.483	77	691	0.656	ug/l	# 57
27) cis-1,2-Dichloroethene	4.489	96	627	0.785	ug/l	78
28) Bromochloromethane	4.909	49	201	0.366	ug/l	# 58
29) Tetrahydrofuran	5.019	42	1436	3.601	ug/l	96
30) Chloroform	5.104	83	954	0.692	ug/l	# 57
31) Cyclohexane	5.464	56	993	0.823	ug/l	# 57
32) 1,1,1-Trichloroethane	5.379	97	876	0.714	ug/l	# 48
36) 1,1-Dichloropropene	5.690	75	834	0.739	ug/l	# 55
37) Ethyl Acetate	4.733	43	856	0.652	ug/l	# 65
38) Carbon Tetrachloride	5.678	117	845	0.767	ug/l	# 56
39) Methylcyclohexane	7.391	83	817	0.630	ug/l	# 92
40) Benzene	6.043	78	2495	0.801	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	317	0.461	ug/l #	46
42) 1,2-Dichloroethane	6.098	62	1000	0.755	ug/l #	73
43) Isopropyl Acetate	6.348	43	1420	0.716	ug/l #	70
44) Trichloroethene	7.129	130	581	0.721	ug/l	71
45) 1,2-Dichloropropane	7.433	63	616m	0.753	ug/l	
46) Dibromomethane	7.598	93	346	0.591	ug/l	87
47) Bromodichloromethane	7.836	83	681	0.594	ug/l #	96
48) Methyl methacrylate	7.702	41	648	0.661	ug/l #	84
49) 1,4-Dioxane	7.689	88	286	13.674	ug/l #	55
51) 4-Methyl-2-Pentanone	8.579	43	3858	2.835	ug/l	88
52) Toluene	8.726	92	1299	0.667	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	587	0.517	ug/l #	82
54) cis-1,3-Dichloropropene	8.372	75	727	0.576	ug/l	90
55) 1,1,2-Trichloroethane	9.159	97	463	0.585	ug/l	92
56) Ethyl methacrylate	9.122	69	745	0.576	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	906	0.635	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.250	63	1733	2.617	ug/l	91
59) 2-Hexanone	9.433	43	2731	2.568	ug/l	84
60) Dibromochloromethane	9.518	129	443	0.579	ug/l	89
61) 1,2-Dibromoethane	9.616	107	523	0.619	ug/l	96
64) Tetrachloroethene	9.281	164	479	0.703	ug/l #	82
65) Chlorobenzene	10.079	112	1365	0.713	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.165	131	429	0.652	ug/l #	65
67) Ethyl Benzene	10.201	91	2176	0.611	ug/l #	79
68) m/p-Xylenes	10.305	106	1895	1.467	ug/l	93
69) o-Xylene	10.646	106	865	0.666	ug/l	82
70) Styrene	10.664	104	1245	0.603	ug/l #	75
71) Bromoform	10.805	173	268	0.563	ug/l #	77
73) Isopropylbenzene	10.969	105	2235	0.703	ug/l	99
74) N-amyl acetate	10.841	43	808	0.530	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	11.213	83	748	0.668	ug/l #	95
76) 1,2,3-Trichloropropane	11.244	75	875m	0.812	ug/l	
77) Bromobenzene	11.201	156	558	0.795	ug/l	91
78) n-propylbenzene	11.305	91	2626	0.697	ug/l	95
79) 2-Chlorotoluene	11.366	91	1783	0.750	ug/l	87
80) 1,3,5-Trimethylbenzene	11.457	105	2130	0.780	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.030	75	143m	0.452	ug/l	
82) 4-Chlorotoluene	11.457	91	1818	0.665	ug/l	94
83) tert-Butylbenzene	11.719	119	1779	0.709	ug/l #	70
84) 1,2,4-Trimethylbenzene	11.756	105	1731	0.624	ug/l	100
85) sec-Butylbenzene	11.890	105	2021	0.615	ug/l	98
86) p-Isopropyltoluene	12.012	119	1920	0.742	ug/l #	87
87) 1,3-Dichlorobenzene	11.975	146	908	0.692	ug/l	88
88) 1,4-Dichlorobenzene	12.042	146	1102m	0.811	ug/l	
89) n-Butylbenzene	12.335	91	1448	0.591	ug/l	96
90) Hexachloroethane	12.536	117	262	0.635	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	903	0.710	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	12.945	75	177	0.645	ug/l	59
93) 1,2,4-Trichlorobenzene	13.591	180	544	0.725	ug/l	95
94) Hexachlorobutadiene	13.731	225	297	0.813	ug/l	86
95) Naphthalene	13.780	128	1960	0.711	ug/l	95
96) 1,2,3-Trichlorobenzene	13.969	180	571	0.762	ug/l	91

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

