

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
 Data File : VN072712.D
 Acq On : 08 Jun 2022 21:56
 Operator : JC\MD
 Sample : N3214-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Jun 09 06:03:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:53:33 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	146748	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	279857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	268562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	104314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	226863	57.600	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 115.200%			
35) Dibromofluoromethane	8.016	113	152507	55.074	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 110.140%			
50) Toluene-d8	10.439	98	584137	52.871	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.740%			
62) 4-Bromofluorobenzene	12.727	95	169383	44.678	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.360%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	1044	0.439	ug/l	83
3) Chloromethane	2.299	50	2206	0.778	ug/l	91
4) Vinyl Chloride	2.434	62	1441	0.553	ug/l	98
5) Bromomethane	2.857	94	1459	1.140	ug/l	# 79
6) Chloroethane	2.993	64	893m	0.486	ug/l	
7) Trichlorofluoromethane	3.369	101	2085	0.503	ug/l	# 80
8) Diethyl Ether	3.822	74	720	0.427	ug/l	# 52
9) 1,1,2-Trichlorotrifluo...	4.210	101	682	0.300	ug/l	# 64
11) Tert butyl alcohol	5.310	59	6495m	6.913	ug/l	
12) 1,1-Dichloroethene	4.193	96	1253	0.592	ug/l	# 66
13) Acrolein	4.051	56	1380	3.556	ug/l	98
14) Allyl chloride	4.834	41	2713	0.555	ug/l	# 72
15) Acrylonitrile	5.551	53	5007	2.515	ug/l	# 67
16) Acetone	4.287	43	5845	3.097	ug/l	# 81
17) Carbon Disulfide	4.528	76	4013	0.751	ug/l	# 75
18) Methyl Acetate	4.875	43	3433	0.699	ug/l	# 62
19) Methyl tert-butyl Ether	5.616	73	4458	0.465	ug/l	# 89
20) Methylene Chloride	5.093	84	2101	0.705	ug/l	# 90
21) trans-1,2-Dichloroethene	5.598	96	1390	0.596	ug/l	83
22) Diisopropyl ether	6.498	45	4688	0.473	ug/l	# 75
23) Vinyl Acetate	6.434	43	17877	1.971	ug/l	94
24) 1,1-Dichloroethane	6.387	63	2496	0.485	ug/l	# 82
25) 2-Butanone	7.345	43	9581	3.156	ug/l	# 77
26) 2,2-Dichloropropane	7.322	77	3420	0.735	ug/l	# 60
27) cis-1,2-Dichloroethene	7.328	96	1730	0.583	ug/l	76
28) Bromochloromethane	7.645	49	1072	0.441	ug/l	# 89
29) Tetrahydrofuran	7.698	42	4947	2.637	ug/l	# 85
30) Chloroform	7.816	83	2597	0.484	ug/l	90
31) Cyclohexane	8.086	56	7083	1.591	ug/l	# 75
32) 1,1,1-Trichloroethane	8.010	97	2004	0.423	ug/l	# 39
36) 1,1-Dichloropropene	8.222	75	1840	0.479	ug/l	# 75
37) Ethyl Acetate	7.416	43	4647m	0.778	ug/l	
38) Carbon Tetrachloride	8.198	117	1983	0.483	ug/l	90
39) Methylcyclohexane	9.469	83	2156	0.483	ug/l	# 65
40) Benzene	8.457	78	5960	0.511	ug/l	97
41) Methacrylonitrile	7.634	41	971m	0.482	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.528	62	2915	0.603	ug/l #	74
43) Isopropyl Acetate	8.563	43	4768	0.513	ug/l #	60
44) Trichloroethene	9.216	130	1495	0.551	ug/l	94
45) 1,2-Dichloropropane	9.486	63	1498	0.475	ug/l #	80
46) Dibromomethane	9.575	93	1054	0.478	ug/l #	66
47) Bromodichloromethane	9.763	83	1716	0.379	ug/l #	86
48) Methyl methacrylate	9.563	41	2051	0.466	ug/l #	76
49) 1,4-Dioxane	9.569	88	603	7.497	ug/l	95
51) 4-Methyl-2-Pentanone	10.327	43	13348	2.204	ug/l	92
52) Toluene	10.504	92	3770	0.518	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	1812	0.360	ug/l	91
54) cis-1,3-Dichloropropene	10.186	75	2342	0.450	ug/l #	92
55) 1,1,2-Trichloroethane	10.904	97	1528	0.486	ug/l #	63
56) Ethyl methacrylate	10.763	69	2075	0.373	ug/l #	70
57) 1,3-Dichloropropane	11.033	76	2473	0.441	ug/l	89
58) 2-Chloroethyl Vinyl ether	10.039	63	3338	1.507	ug/l	98
59) 2-Hexanone	11.092	43	9351	2.100	ug/l	88
60) Dibromochloromethane	11.227	129	1332	0.408	ug/l	95
61) 1,2-Dibromoethane	11.351	107	1363	0.423	ug/l	98
64) Tetrachloroethene	10.975	164	1113	0.492	ug/l #	78
65) Chlorobenzene	11.769	112	3237	0.452	ug/l #	81
66) 1,1,1,2-Tetrachloroethane	11.845	131	1337	0.470	ug/l #	56
67) Ethyl Benzene	11.845	91	6165	0.458	ug/l	98
68) m/p-Xylenes	11.951	106	3818	0.798	ug/l	82
69) o-Xylene	12.274	106	1911	0.398	ug/l	75
70) Styrene	12.286	104	3206	0.424	ug/l	95
71) Bromoform	12.457	173	879	0.439	ug/l #	79
73) Isopropylbenzene	12.580	105	5105	0.456	ug/l	95
74) N-amyl acetate	12.380	43	2861	0.550	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.821	83	1968	0.507	ug/l #	86
76) 1,2,3-Trichloropropane	12.874	75	2483m	0.738	ug/l	
77) Bromobenzene	12.863	156	1118	0.507	ug/l #	47
78) n-propylbenzene	12.921	91	5480	0.449	ug/l	98
79) 2-Chlorotoluene	13.004	91	4055	0.529	ug/l	86
80) 1,3,5-Trimethylbenzene	13.051	105	4439	0.501	ug/l	81
81) trans-1,4-Dichloro-2-b...	12.621	75	432m	0.336	ug/l	
82) 4-Chlorotoluene	13.104	91	3859	0.545	ug/l	100
83) tert-Butylbenzene	13.316	119	4156	0.534	ug/l	90
84) 1,2,4-Trimethylbenzene	13.368	105	3966	0.468	ug/l	97
85) sec-Butylbenzene	13.498	105	4703	0.448	ug/l	98
86) p-Isopropyltoluene	13.616	119	3270	0.396	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	2187	0.584	ug/l	89
88) 1,4-Dichlorobenzene	13.692	146	2312m	0.630	ug/l	
89) n-Butylbenzene	13.945	91	3244	0.466	ug/l	87
90) Hexachloroethane	14.204	117	711	0.397	ug/l	69
91) 1,2-Dichlorobenzene	13.986	146	1759	0.479	ug/l	73
92) 1,2-Dibromo-3-Chloropr...	14.610	75	434	0.463	ug/l #	31
93) 1,2,4-Trichlorobenzene	15.268	180	999	0.566	ug/l	87
94) Hexachlorobutadiene	15.368	225	312	0.394	ug/l #	30
95) Naphthalene	15.504	128	5071	0.740	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.698	180	1252	0.712	ug/l	79

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

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

