

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
 Data File : VN072714.D
 Acq On : 08 Jun 2022 22:44
 Operator : JC\MD
 Sample : N3214-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Jun 09 06:15:08 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	8.080	168	156085	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	304810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	283355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	118315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	232047	55.392	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.780%			
35) Dibromofluoromethane	8.016	113	155731	51.634	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.260%			
50) Toluene-d8	10.439	98	599062	49.783	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.560%			
62) 4-Bromofluorobenzene	12.727	95	177299	42.937	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 85.880%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	7618	3.009	ug/l	89
3) Chloromethane	2.299	50	8727	2.894	ug/l	98
4) Vinyl Chloride	2.434	62	8004	2.887	ug/l	99
5) Bromomethane	2.840	94	5271	3.874	ug/l	# 69
6) Chloroethane	3.010	64	6786	3.475	ug/l	# 83
7) Trichlorofluoromethane	3.363	101	12856	2.913	ug/l	99
8) Diethyl Ether	3.822	74	5099	2.842	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.204	101	6660	2.756	ug/l	87
10) Methyl Iodide	4.416	142	4338	1.925	ug/l	# 83
11) Tert butyl alcohol	5.375	59	17432	17.444	ug/l	# 86
12) 1,1-Dichloroethene	4.187	96	7220	3.206	ug/l	# 80
13) Acrolein	4.034	56	5996	14.528	ug/l	99
14) Allyl chloride	4.840	41	15180	2.919	ug/l	# 91
15) Acrylonitrile	5.557	53	29382	13.877	ug/l	98
16) Acetone	4.287	43	29514	14.703	ug/l	94
17) Carbon Disulfide	4.516	76	17670	3.107	ug/l	100
18) Methyl Acetate	4.857	43	15310	2.931	ug/l	90
19) Methyl tert-butyl Ether	5.616	73	28030	2.752	ug/l	# 90
20) Methylene Chloride	5.098	84	9206	2.905	ug/l	# 94
21) trans-1,2-Dichloroethene	5.592	96	7502	3.025	ug/l	# 79
22) Diisopropyl ether	6.486	45	28789	2.732	ug/l	94
23) Vinyl Acetate	6.434	43	129717	13.444	ug/l	95
24) 1,1-Dichloroethane	6.386	63	15695	2.868	ug/l	# 93
25) 2-Butanone	7.333	43	45410	14.063	ug/l	# 87
26) 2,2-Dichloropropane	7.316	77	12866	2.600	ug/l	92
27) cis-1,2-Dichloroethene	7.328	96	8938	2.834	ug/l	83
28) Bromochloromethane	7.651	49	6640	2.569	ug/l	# 75
29) Tetrahydrofuran	7.681	42	28838	14.453	ug/l	87
30) Chloroform	7.822	83	16363	2.868	ug/l	97
31) Cyclohexane	8.086	56	18450	3.896	ug/l	# 78
32) 1,1,1-Trichloroethane	8.004	97	13797	2.737	ug/l	# 93
36) 1,1-Dichloropropene	8.222	75	11466	2.739	ug/l	92
37) Ethyl Acetate	7.404	43	15734	2.419	ug/l	# 96
38) Carbon Tetrachloride	8.210	117	11943	2.670	ug/l	# 85
39) Methylcyclohexane	9.457	83	12877	2.651	ug/l	94
40) Benzene	8.457	78	34846	2.743	ug/l	96

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41) Methacrylonitrile	7.633	41	4766m	2.174	ug/l	
42) 1,2-Dichloroethane	8.522	62	15289	2.903	ug/l	95
43) Isopropyl Acetate	8.557	43	25850	2.552	ug/l #	93
44) Trichloroethene	9.210	130	7864	2.659	ug/l	87
45) 1,2-Dichloropropane	9.486	63	9053	2.637	ug/l	92
46) Dibromomethane	9.575	93	6292	2.622	ug/l #	80
47) Bromodichloromethane	9.757	83	12564	2.547	ug/l	93
48) Methyl methacrylate	9.551	41	11965	2.497	ug/l	85
49) 1,4-Dioxane	9.569	88	4388	50.089	ug/l #	92
51) 4-Methyl-2-Pentanone	10.327	43	81578	12.366	ug/l	89
52) Toluene	10.498	92	20934	2.639	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	12171	2.221	ug/l	92
54) cis-1,3-Dichloropropene	10.186	75	13395	2.366	ug/l #	90
55) 1,1,2-Trichloroethane	10.898	97	8920	2.606	ug/l	96
56) Ethyl methacrylate	10.757	69	14040	2.319	ug/l #	78
57) 1,3-Dichloropropane	11.045	76	14833	2.427	ug/l	93
58) 2-Chloroethyl Vinyl ether	10.039	63	25645	10.629	ug/l	91
59) 2-Hexanone	11.080	43	55295	11.399	ug/l	89
60) Dibromochloromethane	11.233	129	8481	2.387	ug/l	95
61) 1,2-Dibromoethane	11.345	107	8728	2.488	ug/l	97
64) Tetrachloroethene	10.974	164	7301	3.060	ug/l #	89
65) Chlorobenzene	11.768	112	20044	2.655	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.839	131	7766	2.586	ug/l	95
67) Ethyl Benzene	11.845	91	36755	2.589	ug/l	97
68) m/p-Xylenes	11.951	106	25859	5.125	ug/l	89
69) o-Xylene	12.274	106	13741	2.709	ug/l	95
70) Styrene	12.292	104	19295	2.421	ug/l	91
71) Bromoform	12.457	173	4876	2.308	ug/l #	99
73) Isopropylbenzene	12.574	105	32785	2.583	ug/l	98
74) N-amyl acetate	12.386	43	14489	2.456	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.827	83	11610	2.635	ug/l	97
76) 1,2,3-Trichloropropane	12.880	75	10715m	2.806	ug/l	
77) Bromobenzene	12.863	156	6708	2.681	ug/l	69
78) n-propylbenzene	12.915	91	34030	2.456	ug/l	98
79) 2-Chlorotoluene	13.004	91	24246	2.789	ug/l	89
80) 1,3,5-Trimethylbenzene	13.057	105	25324	2.518	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	2736m	1.874	ug/l	
82) 4-Chlorotoluene	13.104	91	20702	2.579	ug/l	94
83) tert-Butylbenzene	13.321	119	22361	2.532	ug/l	86
84) 1,2,4-Trimethylbenzene	13.363	105	24078	2.503	ug/l	97
85) sec-Butylbenzene	13.498	105	29655	2.488	ug/l	99
86) p-Isopropyltoluene	13.615	119	21576	2.302	ug/l	94
87) 1,3-Dichlorobenzene	13.615	146	11369	2.676	ug/l	92
88) 1,4-Dichlorobenzene	13.692	146	10986m	2.639	ug/l	
89) n-Butylbenzene	13.939	91	17107	2.166	ug/l	98
90) Hexachloroethane	14.204	117	5138	2.532	ug/l	62
91) 1,2-Dichlorobenzene	13.986	146	11711	2.812	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.609	75	2659	2.499	ug/l	64
93) 1,2,4-Trichlorobenzene	15.256	180	4949	2.470	ug/l	96
94) Hexachlorobutadiene	15.368	225	2226	2.480	ug/l	99
95) Naphthalene	15.504	128	16416	2.112	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.704	180	4780	2.396	ug/l	98

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

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