

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050522\
 Data File : VN072338.D
 Acq On : 05 May 2022 12:05
 Operator : JC\MD
 Sample : VN0505WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505WBS01

Quant Time: May 06 01:33:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/06/2022
 Supervised By : Mahesh Dadoda 05/06/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	215614	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	365535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	333886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	141393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	167320	50.547	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.100%			
35) Dibromofluoromethane	8.016	113	122922	52.539	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.080%			
50) Toluene-d8	10.439	98	465822	50.670	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.340%			
62) 4-Bromofluorobenzene	12.727	95	158576	51.967	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.940%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	41215	16.942	ug/l	100
3) Chloromethane	2.299	50	45870	16.371	ug/l	97
4) Vinyl Chloride	2.440	62	39623	16.324	ug/l	98
5) Bromomethane	2.840	94	24371	19.613	ug/l	94
6) Chloroethane	3.004	64	26149	17.999	ug/l	97
7) Trichlorofluoromethane	3.369	101	72982	17.211	ug/l	97
8) Diethyl Ether	3.822	74	27920	18.183	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.210	101	43991	19.750	ug/l	94
10) Methyl Iodide	4.416	142	46408	17.164	ug/l	# 87
11) Tert butyl alcohol	5.369	59	49952	91.828	ug/l	99
12) 1,1-Dichloroethene	4.187	96	35184	17.085	ug/l	94
13) Acrolein	4.040	56	37618	68.717	ug/l	98
14) Allyl chloride	4.840	41	75503	17.659	ug/l	94
15) Acrylonitrile	5.551	53	151567	92.333	ug/l	98
16) Acetone	4.281	43	130697	91.580	ug/l	95
17) Carbon Disulfide	4.528	76	77354	16.212	ug/l	98
18) Methyl Acetate	4.851	43	75319	18.854	ug/l	# 89
19) Methyl tert-butyl Ether	5.616	73	149133	18.475	ug/l	100
20) Methylene Chloride	5.092	84	47622	17.408	ug/l	# 90
21) trans-1,2-Dichloroethene	5.598	96	37675	16.591	ug/l	84
22) Diisopropyl ether	6.486	45	168279	19.107	ug/l	94
23) Vinyl Acetate	6.428	43	697012	94.234	ug/l	94
24) 1,1-Dichloroethane	6.386	63	89927	18.254	ug/l	99
25) 2-Butanone	7.328	43	207703	91.385	ug/l	# 86
26) 2,2-Dichloropropane	7.316	77	73660	19.142	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	49873	18.016	ug/l	91
28) Bromochloromethane	7.651	49	44309	20.087	ug/l	84
29) Tetrahydrofuran	7.681	42	134021	89.852	ug/l	88
30) Chloroform	7.810	83	93483	18.900	ug/l	95
31) Cyclohexane	8.092	56	74583	16.863	ug/l	88
32) 1,1,1-Trichloroethane	8.010	97	80534	19.133	ug/l	97
36) 1,1-Dichloropropene	8.216	75	59652	17.516	ug/l	97
37) Ethyl Acetate	7.410	43	82814	18.311	ug/l	96
38) Carbon Tetrachloride	8.198	117	67502	18.507	ug/l	93
39) Methylcyclohexane	9.457	83	66883	17.560	ug/l	96
40) Benzene	8.457	78	187491	17.750	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	43867	19.173	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	77934	19.271	ug/l	97
43) Isopropyl Acetate	8.557	43	127283	18.439	ug/l	94
44) Trichloroethene	9.210	130	45589	18.553	ug/l	94
45) 1,2-Dichloropropane	9.486	63	52824	18.507	ug/l	99
46) Dibromomethane	9.575	93	33943	18.983	ug/l	94
47) Bromodichloromethane	9.757	83	72422	19.303	ug/l	100
48) Methyl methacrylate	9.557	41	56214	18.817	ug/l	90
49) 1,4-Dioxane	9.563	88	20481	390.285	ug/l #	88
51) 4-Methyl-2-Pentanone	10.327	43	417111	97.749	ug/l	92
52) Toluene	10.498	92	121197	19.192	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	71473	18.951	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	79790	19.563	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	50212	18.964	ug/l	90
56) Ethyl methacrylate	10.757	69	77874	18.365	ug/l	87
57) 1,3-Dichloropropane	11.039	76	88410	19.028	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	104793	95.774	ug/l	94
59) 2-Hexanone	11.080	43	295340	98.235	ug/l	89
60) Dibromochloromethane	11.233	129	54470	20.118	ug/l	98
61) 1,2-Dibromoethane	11.339	107	48262	18.534	ug/l	98
64) Tetrachloroethene	10.974	164	38761	19.286	ug/l	95
65) Chlorobenzene	11.768	112	122342	18.135	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	50426	19.837	ug/l	97
67) Ethyl Benzene	11.839	91	222200	18.886	ug/l	97
68) m/p-Xylenes	11.951	106	169349	38.763	ug/l	95
69) o-Xylene	12.274	106	84275	19.898	ug/l	96
70) Styrene	12.292	104	135995	20.385	ug/l	98
71) Bromoform	12.451	173	37518	19.844	ug/l #	96
73) Isopropylbenzene	12.574	105	216516	17.338	ug/l	99
74) N-amyl acetate	12.380	43	77209	16.503	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.821	83	78973	18.038	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	71298m	22.237	ug/l	
77) Bromobenzene	12.857	156	51672	17.497	ug/l	91
78) n-propylbenzene	12.915	91	243182	17.677	ug/l	99
79) 2-Chlorotoluene	13.004	91	154981	17.151	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	183975	17.690	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	21070	17.230	ug/l #	86
82) 4-Chlorotoluene	13.098	91	145004	17.239	ug/l	98
83) tert-Butylbenzene	13.315	119	158871	17.399	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	173747	17.267	ug/l	97
85) sec-Butylbenzene	13.498	105	217897	18.303	ug/l	96
86) p-Isopropyltoluene	13.610	119	169977	18.314	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	90448	18.924	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	88446	19.028	ug/l	98
89) n-Butylbenzene	13.939	91	122198	17.189	ug/l	97
90) Hexachloroethane	14.204	117	32578	16.170	ug/l	89
91) 1,2-Dichlorobenzene	13.980	146	89018	18.896	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	14589	16.892	ug/l	81
93) 1,2,4-Trichlorobenzene	15.257	180	33514	17.064	ug/l	98
94) Hexachlorobutadiene	15.362	225	23086	18.288	ug/l	98
95) Naphthalene	15.504	128	86259	15.065	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	32654	16.914	ug/l	99

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

