

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
 Data File : VN072480.D
 Acq On : 13 May 2022 16:25
 Operator : JC\MD
 Sample : VN0513WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2022
 Supervised By : Mahesh Dadoda 05/16/2022

Quant Time: May 14 02:36:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	174231	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	273105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	250738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	107998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	144838	54.274	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.540%	
35) Dibromofluoromethane	8.022	113	99296	54.650	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 109.300%	
50) Toluene-d8	10.439	98	356569	51.528	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.060%	
62) 4-Bromofluorobenzene	12.727	95	128617	55.966	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 111.940%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	42862	19.725	ug/l	95
3) Chloromethane	2.299	50	37153	17.413	ug/l	99
4) Vinyl Chloride	2.440	62	29870	16.144	ug/l	89
5) Bromomethane	2.816	94	23962	21.753	ug/l	98
6) Chloroethane	2.987	64	20139	19.902	ug/l	96
7) Trichlorofluoromethane	3.363	101	74032	21.588	ug/l	97
8) Diethyl Ether	3.822	74	22775	18.410	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.216	101	36443	19.476	ug/l	97
10) Methyl Iodide	4.416	142	45880	18.497	ug/l	# 82
11) Tert butyl alcohol	5.357	59	54651	125.244	ug/l	# 72
12) 1,1-Dichloroethene	4.181	96	31794	18.134	ug/l	82
13) Acrolein	4.046	56	30141	70.600	ug/l	98
14) Allyl chloride	4.834	41	60096	18.410	ug/l	94
15) Acrylonitrile	5.545	53	122310	103.151	ug/l	98
16) Acetone	4.287	43	112743	106.676	ug/l	# 88
17) Carbon Disulfide	4.522	76	76885	16.909	ug/l	# 94
18) Methyl Acetate	4.851	43	62630	20.127	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	135163	21.332	ug/l	100
20) Methylene Chloride	5.093	84	39606	18.277	ug/l	92
21) trans-1,2-Dichloroethene	5.593	96	34499	18.807	ug/l	97
22) Diisopropyl ether	6.492	45	123319	18.591	ug/l	94
23) Vinyl Acetate	6.428	43	541143	97.498	ug/l	96
24) 1,1-Dichloroethane	6.387	63	70839	18.925	ug/l	97
25) 2-Butanone	7.328	43	167217	100.250	ug/l	94
26) 2,2-Dichloropropane	7.322	77	65083	20.690	ug/l	94
27) cis-1,2-Dichloroethene	7.316	96	41751	18.933	ug/l	92
28) Bromochloromethane	7.657	49	29762	18.726	ug/l	93
29) Tetrahydrofuran	7.681	42	106922	98.632	ug/l	94
30) Chloroform	7.816	83	80833	21.226	ug/l	96
31) Cyclohexane	8.098	56	61373	17.356	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	76315	21.849	ug/l	96
36) 1,1-Dichloropropene	8.222	75	52790	20.229	ug/l	95
37) Ethyl Acetate	7.404	43	65248	20.839	ug/l	97
38) Carbon Tetrachloride	8.204	117	64670	22.142	ug/l	97
39) Methylcyclohexane	9.457	83	58470	19.936	ug/l	96
40) Benzene	8.457	78	156306	20.050	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	33755	21.772	ug/l	90
42) 1,2-Dichloroethane	8.528	62	72010	22.981	ug/l	95
43) Isopropyl Acetate	8.557	43	103343	21.488	ug/l	95
44) Trichloroethene	9.210	130	40896	20.664	ug/l	99
45) 1,2-Dichloropropane	9.486	63	39845	20.013	ug/l	90
46) Dibromomethane	9.575	93	30783	22.206	ug/l	92
47) Bromodichloromethane	9.757	83	62658	22.171	ug/l	99
48) Methyl methacrylate	9.557	41	48796	21.747	ug/l	88
49) 1,4-Dioxane	9.569	88	19908	520.116	ug/l #	89
51) 4-Methyl-2-Pentanone	10.328	43	332537	111.353	ug/l	94
52) Toluene	10.504	92	101208	21.054	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	63261	21.991	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	66203	21.570	ug/l #	87
55) 1,1,2-Trichloroethane	10.892	97	41699	20.823	ug/l	94
56) Ethyl methacrylate	10.757	69	64669	22.532	ug/l #	90
57) 1,3-Dichloropropane	11.039	76	71137	20.861	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	98583	135.589	ug/l	99
59) 2-Hexanone	11.080	43	242928	116.013	ug/l	92
60) Dibromochloromethane	11.233	129	47646	22.397	ug/l	100
61) 1,2-Dibromoethane	11.339	107	43788	21.941	ug/l	98
64) Tetrachloroethene	10.975	164	38816	21.507	ug/l	95
65) Chlorobenzene	11.769	112	107276	20.941	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	45156	22.023	ug/l	97
67) Ethyl Benzene	11.839	91	189606	21.452	ug/l	100
68) m/p-Xylenes	11.951	106	143678	42.860	ug/l	89
69) o-Xylene	12.280	106	73248	22.239	ug/l	94
70) Styrene	12.292	104	112037	22.235	ug/l	94
71) Bromoform	12.451	173	35887	23.727	ug/l #	93
73) Isopropylbenzene	12.574	105	189771	21.211	ug/l	97
74) N-amyl acetate	12.386	43	63957	20.224	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	65575	20.189	ug/l	95
76) 1,2,3-Trichloropropane	12.874	75	60636m	21.526	ug/l	
77) Bromobenzene	12.857	156	46015	21.497	ug/l	93
78) n-propylbenzene	12.916	91	205146	21.428	ug/l	97
79) 2-Chlorotoluene	13.004	91	135098	21.480	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	162542	22.183	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	17230	20.406	ug/l	87
82) 4-Chlorotoluene	13.104	91	123729	20.758	ug/l	100
83) tert-Butylbenzene	13.321	119	143068	22.303	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	155505	21.816	ug/l	96
85) sec-Butylbenzene	13.498	105	184136	21.524	ug/l	97
86) p-Isopropyltoluene	13.610	119	151344	22.711	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	76308	20.671	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	76067	20.713	ug/l	97
89) n-Butylbenzene	13.939	91	106797	20.966	ug/l	94
90) Hexachloroethane	14.204	117	26438	19.853	ug/l	97
91) 1,2-Dichlorobenzene	13.980	146	78703	21.347	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.604	75	14299	25.317	ug/l	83
93) 1,2,4-Trichlorobenzene	15.262	180	33085	23.689	ug/l	96
94) Hexachlorobutadiene	15.362	225	20903	22.605	ug/l	98
95) Naphthalene	15.504	128	98935	21.126	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	33548	23.970	ug/l	98

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

