

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031822\
 Data File : VN071366.D
 Acq On : 18 Mar 2022 12:28
 Operator : JC\MD
 Sample : VN0318WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/19/2022
 Supervised By : Mahesh Dadoda 03/21/2022

Quant Time: Mar 18 16:57:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	653013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1054574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	939267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	351402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	459839	51.380	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.760%			
35) Dibromofluoromethane	8.016	113	345995	51.992	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.980%			
50) Toluene-d8	10.439	98	1356786	50.638	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.280%			
62) 4-Bromofluorobenzene	12.727	95	430644	47.464	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	107569	15.030	ug/l	97
3) Chloromethane	2.299	50	156128	16.226	ug/l	100
4) Vinyl Chloride	2.440	62	140118	15.975	ug/l	99
5) Bromomethane	2.840	94	78958	16.110	ug/l	99
6) Chloroethane	3.010	64	90385	17.017	ug/l	100
7) Trichlorofluoromethane	3.369	101	193505	16.762	ug/l	96
8) Diethyl Ether	3.828	74	81738	16.546	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.204	101	113073	16.920	ug/l	94
10) Methyl Iodide	4.422	142	138248	14.646	ug/l	100
11) Tert butyl alcohol	5.363	59	146961	83.588	ug/l	100
12) 1,1-Dichloroethene	4.181	96	106362	16.247	ug/l	96
13) Acrolein	4.040	56	95788	51.474	ug/l	98
14) Allyl chloride	4.840	41	231349	16.248	ug/l	86
15) Acrylonitrile	5.551	53	447649	85.748	ug/l	99
16) Acetone	4.287	43	381152	87.527	ug/l	100
17) Carbon Disulfide	4.534	76	261848	14.049	ug/l	100
18) Methyl Acetate	4.851	43	215179	18.696	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	432308	17.588	ug/l	97
20) Methylene Chloride	5.093	84	140445	17.893	ug/l	95
21) trans-1,2-Dichloroethene	5.598	96	113699	15.878	ug/l	93
22) Diisopropyl ether	6.493	45	493968	17.609	ug/l	94
23) Vinyl Acetate	6.428	43	2087931	87.919	ug/l	99
24) 1,1-Dichloroethane	6.387	63	250331	16.888	ug/l	99
25) 2-Butanone	7.334	43	618826	88.216	ug/l	96
26) 2,2-Dichloropropane	7.322	77	203048	17.756	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	142725	16.793	ug/l	90
28) Bromochloromethane	7.657	49	106040	16.064	ug/l	82
29) Tetrahydrofuran	7.681	42	422721	86.984	ug/l	91
30) Chloroform	7.816	83	248715	17.592	ug/l	92
31) Cyclohexane	8.092	56	228757	16.006	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	208526	17.316	ug/l	96
36) 1,1-Dichloropropene	8.222	75	175322	16.443	ug/l	96
37) Ethyl Acetate	7.404	43	251040	17.108	ug/l	99
38) Carbon Tetrachloride	8.204	117	178368	17.295	ug/l	96
39) Methylcyclohexane	9.457	83	204689	16.319	ug/l	92
40) Benzene	8.457	78	554177	17.251	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	126408	17.603	ug/l #	90
42) 1,2-Dichloroethane	8.528	62	201517	18.026	ug/l	99
43) Isopropyl Acetate	8.557	43	391438	17.838	ug/l	95
44) Trichloroethene	9.216	130	128583	16.964	ug/l	99
45) 1,2-Dichloropropane	9.486	63	150031	17.398	ug/l	99
46) Dibromomethane	9.575	93	94746	17.850	ug/l	95
47) Bromodichloromethane	9.757	83	190531	17.763	ug/l	99
48) Methyl methacrylate	9.557	41	169478	16.666	ug/l #	88
49) 1,4-Dioxane	9.563	88	62797	355.265	ug/l	88
51) 4-Methyl-2-Pentanone	10.328	43	1227716	90.152	ug/l	99
52) Toluene	10.504	92	343805	17.380	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	206698	17.481	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	223872	17.328	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	138734	17.502	ug/l	99
56) Ethyl methacrylate	10.757	69	229512	17.730	ug/l #	89
57) 1,3-Dichloropropane	11.039	76	250479	17.604	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	269100	115.782	ug/l	95
59) 2-Hexanone	11.080	43	885639	95.313	ug/l	100
60) Dibromochloromethane	11.233	129	142423	18.083	ug/l	100
61) 1,2-Dibromoethane	11.345	107	138633	17.112	ug/l	98
64) Tetrachloroethene	10.975	164	108814	16.611	ug/l	96
65) Chlorobenzene	11.769	112	356655	17.681	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	133870	18.100	ug/l	98
67) Ethyl Benzene	11.839	91	631915	17.718	ug/l	96
68) m/p-Xylenes	11.951	106	468654	35.919	ug/l	97
69) o-Xylene	12.280	106	230853	17.651	ug/l	95
70) Styrene	12.292	104	371523	18.351	ug/l	97
71) Bromoform	12.451	173	106681	18.993	ug/l #	99
73) Isopropylbenzene	12.574	105	604357	17.841	ug/l	99
74) N-amyl acetate	12.386	43	242669	19.053	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	219154	20.246	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	198447m	21.703	ug/l	
77) Bromobenzene	12.857	156	139887	17.709	ug/l	78
78) n-propylbenzene	12.916	91	651043	17.910	ug/l	97
79) 2-Chlorotoluene	13.004	91	411803	17.648	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	483055	18.329	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	60286	18.545	ug/l	96
82) 4-Chlorotoluene	13.104	91	373895	17.989	ug/l	94
83) tert-Butylbenzene	13.321	119	431875	18.362	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	475136	18.822	ug/l	99
85) sec-Butylbenzene	13.498	105	571928	18.295	ug/l	98
86) p-Isopropyltoluene	13.610	119	455012	18.508	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	222160	17.309	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	216709	17.273	ug/l	97
89) n-Butylbenzene	13.939	91	330352	17.180	ug/l	96
90) Hexachloroethane	14.210	117	90250	18.460	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	220180	17.844	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	38043	19.302	ug/l	84
93) 1,2,4-Trichlorobenzene	15.263	180	91741	17.967	ug/l	98
94) Hexachlorobutadiene	15.363	225	60565	17.484	ug/l	99
95) Naphthalene	15.504	128	256802	19.393	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	92503	18.583	ug/l	97

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

