

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022522\
 Data File : VN071072.D
 Acq On : 25 Feb 2022 16:10
 Operator : JC\MD
 Sample : VN0225WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2022
 Supervised By : Mahesh Dadoda 02/28/2022

Quant Time: Feb 26 03:42:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	619029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1008187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	901086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	363371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	414289	58.588	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 117.180%			
35) Dibromofluoromethane	8.016	113	320350	53.421	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.840%			
50) Toluene-d8	10.439	98	1274137	52.908	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.820%			
62) 4-Bromofluorobenzene	12.727	95	427200	49.628	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	129479	20.138	ug/l	99
3) Chloromethane	2.299	50	174877	21.639	ug/l	99
4) Vinyl Chloride	2.446	62	164473	20.331	ug/l	98
5) Bromomethane	2.846	94	96931	21.092	ug/l	100
6) Chloroethane	3.016	64	103128	19.431	ug/l	100
7) Trichlorofluoromethane	3.375	101	225806	22.273	ug/l	100
8) Diethyl Ether	3.828	74	97141	22.041	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.210	101	131076	21.073	ug/l	94
10) Methyl Iodide	4.428	142	183877	21.344	ug/l	98
11) Tert butyl alcohol	5.357	59	171440	133.034	ug/l	98
12) 1,1-Dichloroethene	4.181	96	125236	20.665	ug/l	96
13) Acrolein	4.040	56	105337	91.474	ug/l	97
14) Allyl chloride	4.840	41	263751	22.820	ug/l	87
15) Acrylonitrile	5.545	53	511561	134.766	ug/l	98
16) Acetone	4.281	43	460779	118.321	ug/l	95
17) Carbon Disulfide	4.534	76	301258	17.335	ug/l	99
18) Methyl Acetate	4.851	43	239406	27.809	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	512560	24.111	ug/l	95
20) Methylene Chloride	5.098	84	155052	21.908	ug/l	94
21) trans-1,2-Dichloroethene	5.598	96	136237	20.945	ug/l	95
22) Diisopropyl ether	6.492	45	574150	25.901	ug/l	93
23) Vinyl Acetate	6.428	43	2417665	128.839	ug/l	99
24) 1,1-Dichloroethane	6.387	63	288887	23.247	ug/l	99
25) 2-Butanone	7.334	43	702243	135.554	ug/l	94
26) 2,2-Dichloropropane	7.322	77	235779	22.830	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	167871	22.455	ug/l	92
28) Bromochloromethane	7.657	49	88960	17.687	ug/l #	82
29) Tetrahydrofuran	7.681	42	475521	141.691	ug/l	93
30) Chloroform	7.816	83	279723	22.887	ug/l	99
31) Cyclohexane	8.092	56	271591	22.208	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	239804	22.720	ug/l	98
36) 1,1-Dichloropropene	8.216	75	205308	20.897	ug/l	97
37) Ethyl Acetate	7.410	43	283938	26.948	ug/l	98
38) Carbon Tetrachloride	8.204	117	196569	20.306	ug/l	97
39) Methylcyclohexane	9.457	83	241961	19.140	ug/l	91
40) Benzene	8.457	78	639639	22.010	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	145668	26.249	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	230865	23.325	ug/l	98
43) Isopropyl Acetate	8.557	43	430785	25.938	ug/l	98
44) Trichloroethene	9.210	130	151387	19.782	ug/l	92
45) 1,2-Dichloropropane	9.486	63	172936	23.231	ug/l	96
46) Dibromomethane	9.575	93	108800	22.209	ug/l	97
47) Bromodichloromethane	9.757	83	216169	21.833	ug/l	100
48) Methyl methacrylate	9.557	41	188230	23.945	ug/l #	89
49) 1,4-Dioxane	9.563	88	71217	510.068	ug/l	91
51) 4-Methyl-2-Pentanone	10.328	43	1368528	135.435	ug/l	98
52) Toluene	10.498	92	398336	21.813	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	236660	21.982	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	260409	22.025	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	163770	22.911	ug/l	97
56) Ethyl methacrylate	10.757	69	262115	24.338	ug/l	92
57) 1,3-Dichloropropane	11.039	76	290632	23.506	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	173338	94.953	ug/l	95
59) 2-Hexanone	11.080	43	962465	138.494	ug/l	98
60) Dibromochloromethane	11.233	129	162392	21.497	ug/l	99
61) 1,2-Dibromoethane	11.339	107	162369	22.333	ug/l	99
64) Tetrachloroethene	10.975	164	133450	19.016	ug/l	97
65) Chlorobenzene	11.763	112	411440	21.190	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	156791	22.152	ug/l	98
67) Ethyl Benzene	11.839	91	740906	21.801	ug/l	100
68) m/p-Xylenes	11.951	106	562654	42.862	ug/l	99
69) o-Xylene	12.274	106	277911	21.672	ug/l	97
70) Styrene	12.292	104	433939	21.282	ug/l	97
71) Bromoform	12.457	173	120997	21.465	ug/l #	100
73) Isopropylbenzene	12.574	105	713214	24.385	ug/l	100
74) N-amyl acetate	12.386	43	266659	28.522	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	251692	27.080	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	187792m	21.949	ug/l	
77) Bromobenzene	12.857	156	166371	23.236	ug/l	82
78) n-propylbenzene	12.916	91	774303	23.562	ug/l	98
79) 2-Chlorotoluene	13.004	91	487385	24.422	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	565514	23.866	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	65568	24.834	ug/l	95
82) 4-Chlorotoluene	13.098	91	454505	23.462	ug/l	94
83) tert-Butylbenzene	13.321	119	515152	22.924	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	556498	23.858	ug/l	99
85) sec-Butylbenzene	13.498	105	682464	23.048	ug/l	99
86) p-Isopropyltoluene	13.610	119	548920	22.582	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	277681	21.908	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	267118	21.510	ug/l	97
89) n-Butylbenzene	13.939	91	400084	20.173	ug/l	96
90) Hexachloroethane	14.204	117	100610	23.176	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	272359	22.883	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	40444	26.857	ug/l	88
93) 1,2,4-Trichlorobenzene	15.257	180	118956	19.069	ug/l	99
94) Hexachlorobutadiene	15.362	225	79802	18.387	ug/l	99
95) Naphthalene	15.504	128	291478	21.141	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	114831	20.198	ug/l	98

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

