

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021822\
 Data File : VN071000.D
 Acq On : 18 Feb 2022 14:27
 Operator : JC\MD
 Sample : VN0218WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0218WBS01

Quant Time: Feb 19 00:38:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2022
 Supervised By : Mahesh Dadoda 02/22/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	763711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1200796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1090868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	437418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	463882	53.173	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.340%			
35) Dibromofluoromethane	8.016	113	374899	52.490	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.980%			
50) Toluene-d8	10.439	98	1484859	51.768	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.540%			
62) 4-Bromofluorobenzene	12.727	95	487754	47.574	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	131927	16.632	ug/l	100
3) Chloromethane	2.299	50	171081	17.159	ug/l	98
4) Vinyl Chloride	2.440	62	163392	16.371	ug/l	94
5) Bromomethane	2.846	94	93075	16.416	ug/l	97
6) Chloroethane	3.016	64	110317	16.848	ug/l	97
7) Trichlorofluoromethane	3.375	101	218251	17.449	ug/l	99
8) Diethyl Ether	3.822	74	90559	16.655	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.210	101	130141	16.959	ug/l	96
10) Methyl Iodide	4.428	142	174326	16.402	ug/l	98
11) Tert butyl alcohol	5.363	59	157236	98.897	ug/l	99
12) 1,1-Dichloroethene	4.181	96	121960	16.312	ug/l	98
13) Acrolein	4.040	56	99201	69.826	ug/l	100
14) Allyl chloride	4.840	41	240440	16.862	ug/l	88
15) Acrylonitrile	5.551	53	460800	98.396	ug/l	99
16) Acetone	4.281	43	475148	98.896	ug/l	95
17) Carbon Disulfide	4.534	76	311472	14.527	ug/l	100
18) Methyl Acetate	4.857	43	207456	19.351	ug/l	98
19) Methyl tert-butyl Ether	5.610	73	463060	17.656	ug/l	98
20) Methylene Chloride	5.092	84	150092	17.189	ug/l	95
21) trans-1,2-Dichloroethene	5.598	96	132716	16.538	ug/l	97
22) Diisopropyl ether	6.492	45	513443	18.774	ug/l	96
23) Vinyl Acetate	6.428	43	2154555	93.066	ug/l	99
24) 1,1-Dichloroethane	6.386	63	269477	17.577	ug/l	100
25) 2-Butanone	7.328	43	653062	102.179	ug/l	98
26) 2,2-Dichloropropane	7.328	77	221497	17.384	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	158779	17.215	ug/l	92
28) Bromochloromethane	7.651	49	120003	19.339	ug/l	89
29) Tetrahydrofuran	7.681	42	420801	101.632	ug/l	94
30) Chloroform	7.816	83	263574	17.480	ug/l	95
31) Cyclohexane	8.092	56	262041	17.368	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	224386	17.232	ug/l	97
36) 1,1-Dichloropropene	8.222	75	196209	16.768	ug/l	97
37) Ethyl Acetate	7.404	43	254705	20.296	ug/l	99
38) Carbon Tetrachloride	8.210	117	192091	16.661	ug/l	98
39) Methylcyclohexane	9.457	83	244149	16.215	ug/l	95
40) Benzene	8.457	78	607746	17.558	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	126702	19.170	ug/l	92
42) 1,2-Dichloroethane	8.522	62	211390	17.932	ug/l	98
43) Isopropyl Acetate	8.557	43	373552	18.884	ug/l	99
44) Trichloroethene	9.216	130	151289	16.599	ug/l	100
45) 1,2-Dichloropropane	9.486	63	156405	17.640	ug/l	98
46) Dibromomethane	9.575	93	100372	17.202	ug/l	98
47) Bromodichloromethane	9.757	83	199567	16.923	ug/l	96
48) Methyl methacrylate	9.557	41	178282	19.041	ug/l #	85
49) 1,4-Dioxane	9.563	88	71077	427.411	ug/l	90
51) 4-Methyl-2-Pentanone	10.327	43	1205697	100.181	ug/l	98
52) Toluene	10.504	92	377240	17.345	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	215969	16.843	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	241575	17.155	ug/l	94
55) 1,1,2-Trichloroethane	10.898	97	151108	17.749	ug/l	96
56) Ethyl methacrylate	10.757	69	236476	18.435	ug/l	91
57) 1,3-Dichloropropane	11.039	76	262941	17.855	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	163420	81.790	ug/l	97
59) 2-Hexanone	11.080	43	860995	104.020	ug/l	97
60) Dibromochloromethane	11.233	129	153282	17.036	ug/l	99
61) 1,2-Dibromoethane	11.345	107	150071	17.330	ug/l	99
64) Tetrachloroethene	10.974	164	140560	16.545	ug/l	98
65) Chlorobenzene	11.769	112	394829	16.797	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	147567	17.222	ug/l	99
67) Ethyl Benzene	11.839	91	708273	17.215	ug/l	99
68) m/p-Xylenes	11.951	106	542450	34.134	ug/l	99
69) o-Xylene	12.280	106	264309	17.026	ug/l	99
70) Styrene	12.292	104	421000	17.055	ug/l	98
71) Bromoform	12.457	173	111725	16.372	ug/l #	97
73) Isopropylbenzene	12.574	105	679436	19.298	ug/l	100
74) N-amyl acetate	12.386	43	234410	20.828	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	230005	20.558	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	202830m	19.694	ug/l	
77) Bromobenzene	12.857	156	160234	18.591	ug/l	86
78) n-propylbenzene	12.915	91	750886	18.982	ug/l	98
79) 2-Chlorotoluene	13.004	91	464276	19.326	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	553250	19.396	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	60579	19.060	ug/l	90
82) 4-Chlorotoluene	13.098	91	425608	18.251	ug/l	96
83) tert-Butylbenzene	13.321	119	489168	18.083	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	540118	19.236	ug/l	99
85) sec-Butylbenzene	13.498	105	651575	18.280	ug/l	100
86) p-Isopropyltoluene	13.610	119	534413	18.263	ug/l	99
87) 1,3-Dichlorobenzene	13.615	146	266351	17.457	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	257976	17.257	ug/l	96
89) n-Butylbenzene	13.939	91	378010	15.834	ug/l	97
90) Hexachloroethane	14.210	117	93663	17.923	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	263184	18.369	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	37929	20.924	ug/l	87
93) 1,2,4-Trichlorobenzene	15.262	180	116362	15.870	ug/l	98
94) Hexachlorobutadiene	15.368	225	76471	14.636	ug/l	99
95) Naphthalene	15.504	128	267386	17.298	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	111403	16.767	ug/l	99

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

