

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
 Data File : VN070678.D
 Acq On : 18 Jan 2022 20:41
 Operator : JC/MD
 Sample : VN0118WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0118WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/19/2022
 Supervised By :Semsettin Yesilyurt 01/19/2022

Quant Time: Jan 19 01:12:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	855810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1420081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1289901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	517963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	616011	50.225	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.440%			
35) Dibromofluoromethane	8.021	113	443926	50.396	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.800%			
50) Toluene-d8	10.440	98	1858529	50.083	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.160%			
62) 4-Bromofluorobenzene	12.728	95	633722	47.923	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	180696	18.272	ug/l	99
3) Chloromethane	2.306	50	266258	18.419	ug/l	100
4) Vinyl Chloride	2.451	62	244543	17.787	ug/l	98
5) Bromomethane	2.861	94	150762	21.054	ug/l	98
6) Chloroethane	3.028	64	155763	18.155	ug/l	97
7) Trichlorofluoromethane	3.379	101	288716	18.382	ug/l	96
8) Diethyl Ether	3.827	74	133191	19.413	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.210	101	189806	19.995	ug/l	95
10) Methyl Iodide	4.425	142	235181	19.213	ug/l	98
11) Tert butyl alcohol	5.374	59	202010	91.292	ug/l	99
12) 1,1-Dichloroethene	4.181	96	187968	19.854	ug/l	94
13) Acrolein	4.041	56	328906	103.640	ug/l	100
14) Allyl chloride	4.841	41	393002	19.051	ug/l #	84
15) Acrylonitrile	5.557	53	689811	97.994	ug/l	99
16) Acetone	4.288	43	727827	85.497	ug/l	98
17) Carbon Disulfide	4.532	76	459267	17.861	ug/l	99
18) Methyl Acetate	4.859	43	311938	18.632	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	657858	19.451	ug/l	95
20) Methylene Chloride	5.098	84	211952	18.902	ug/l	88
21) trans-1,2-Dichloroethene	5.600	96	179894	18.879	ug/l #	84
22) Diisopropyl ether	6.495	45	811903	19.857	ug/l #	91
23) Vinyl Acetate	6.434	43	3433068	99.050	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	393156	19.223	ug/l	98
25) 2-Butanone	7.337	43	988723	92.300	ug/l	91
26) 2,2-Dichloropropane	7.327	77	290280	18.512	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	215981	19.081	ug/l	86
28) Bromochloromethane	7.657	49	186960	20.360	ug/l #	76
29) Tetrahydrofuran	7.686	42	658869	100.451	ug/l #	86
30) Chloroform	7.818	83	397513	19.595	ug/l	98
31) Cyclohexane	8.096	56	400680	18.552	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	303057	19.090	ug/l	97
36) 1,1-Dichloropropene	8.223	75	278049	18.750	ug/l	96
37) Ethyl Acetate	7.413	43	392450	19.934	ug/l	96
38) Carbon Tetrachloride	8.206	117	246494	18.684	ug/l	98
39) Methylcyclohexane	9.459	83	337112	18.414	ug/l	88
40) Benzene	8.459	78	878683	19.123	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	197868	19.755	ug/l #	86
42) 1,2-Dichloroethane	8.531	62	309766	19.442	ug/l	100
43) Isopropyl Acetate	8.560	43	583378	19.400	ug/l	95
44) Trichloroethene	9.215	130	194712	18.692	ug/l	91
45) 1,2-Dichloropropane	9.488	63	240020	19.199	ug/l	100
46) Dibromomethane	9.577	93	139735	19.223	ug/l	94
47) Bromodichloromethane	9.762	83	274115	18.447	ug/l	100
48) Methyl methacrylate	9.558	41	281962	19.682	ug/l #	80
49) 1,4-Dioxane	9.569	88	79147	367.803	ug/l #	86
51) 4-Methyl-2-Pentanone	10.331	43	1899958	99.017	ug/l	97
52) Toluene	10.505	92	527353	19.186	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	298213	18.157	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	331857	18.622	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	205251	19.009	ug/l	97
56) Ethyl methacrylate	10.760	69	342445	18.210	ug/l	88
57) 1,3-Dichloropropane	11.044	76	369440	19.327	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	360090	84.486	ug/l	90
59) 2-Hexanone	11.084	43	1337600	95.958	ug/l	97
60) Dibromochloromethane	11.237	129	189985	18.863	ug/l	99
61) 1,2-Dibromoethane	11.344	107	202840	18.710	ug/l	99
64) Tetrachloroethene	10.977	164	179867	19.018	ug/l	94
65) Chlorobenzene	11.768	112	532768	19.063	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	184756	19.198	ug/l	99
67) Ethyl Benzene	11.843	91	994071	19.185	ug/l	96
68) m/p-Xylenes	11.953	106	726821	38.559	ug/l	91
69) o-Xylene	12.280	106	360444	19.269	ug/l	91
70) Styrene	12.294	104	584470	19.531	ug/l	96
71) Bromoform	12.457	173	134576	18.512	ug/l #	100
73) Isopropylbenzene	12.578	105	940457	19.192	ug/l	98
74) N-amyl acetate	12.388	43	380347	18.984	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	320780	19.384	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	299030m	21.767	ug/l	
77) Bromobenzene	12.860	156	209874	19.103	ug/l	74
78) n-propylbenzene	12.919	91	1052885	19.213	ug/l	95
79) 2-Chlorotoluene	13.004	91	665648	19.202	ug/l	91
80) 1,3,5-Trimethylbenzene	13.058	105	773367	19.516	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.624	75	82027	17.788	ug/l	96
82) 4-Chlorotoluene	13.104	91	629207	19.426	ug/l	91
83) tert-Butylbenzene	13.321	119	658678	19.095	ug/l	94
84) 1,2,4-Trimethylbenzene	13.367	105	756720	19.866	ug/l	97
85) sec-Butylbenzene	13.501	105	904656	19.291	ug/l	96
86) p-Isopropyltoluene	13.613	119	719270	19.525	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	354468	19.395	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	337700	18.567	ug/l	95
89) n-Butylbenzene	13.940	91	572094	18.825	ug/l	97
90) Hexachloroethane	14.209	117	117598	18.262	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	344530	19.080	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	51609	18.385	ug/l	80
93) 1,2,4-Trichlorobenzene	15.263	180	162365	19.230	ug/l	97
94) Hexachlorobutadiene	15.367	225	104665	19.571	ug/l	96
95) Naphthalene	15.504	128	431576	19.427	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	155643	19.137	ug/l	97

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

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