

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069713.D
 Acq On : 3 Dec 2021 12:35
 Operator : JC/MD
 Sample : VN1203WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 04 05:29:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1101557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1773440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1631790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	674418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	831336	48.879	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.760%		
35) Dibromofluoromethane	8.021	113	562802	50.664	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.320%		
50) Toluene-d8	10.440	98	2213043	49.615	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.240%		
62) 4-Bromofluorobenzene	12.731	95	775969	48.021	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	277122	21.569	ug/l	99
3) Chloromethane	2.303	50	320952	19.940	ug/l	99
4) Vinyl Chloride	2.448	62	297888	20.127	ug/l	100
5) Bromomethane	2.858	94	182864	22.742	ug/l	98
6) Chloroethane	3.022	64	181853	20.051	ug/l	97
7) Trichlorofluoromethane	3.379	101	394289	20.298	ug/l	98
8) Diethyl Ether	3.824	74	156518	20.921	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.210	101	230533	21.172	ug/l	96
10) Methyl Iodide	4.419	142	295362	19.856	ug/l	97
11) Tert butyl alcohol	5.371	59	278700	86.689	ug/l	99
12) 1,1-Dichloroethene	4.183	96	214137	20.408	ug/l	92
13) Acrolein	4.041	56	229409	83.793	ug/l	100
14) Allyl chloride	4.840	41	467480	19.772	ug/l	94
15) Acrylonitrile	5.554	53	811187	93.637	ug/l	99
16) Acetone	4.288	43	933609	91.252	ug/l	97
17) Carbon Disulfide	4.532	76	540230	19.929	ug/l	99
18) Methyl Acetate	4.856	43	571972	18.521	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	853929	20.930	ug/l	98
20) Methylene Chloride	5.092	84	266122	19.566	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	228014	20.007	ug/l #	83
22) Diisopropyl ether	6.498	45	978019	21.163	ug/l	97
23) Vinyl Acetate	6.433	43	3930875	104.551	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	486900	20.339	ug/l	97
25) 2-Butanone	7.337	43	1256012	90.353	ug/l	91
26) 2,2-Dichloropropane	7.327	77	375725	20.186	ug/l	96
27) cis-1,2-Dichloroethene	7.329	96	279250	20.280	ug/l	87
28) Bromochloromethane	7.656	49	242312	19.465	ug/l #	79
29) Tetrahydrofuran	7.689	42	794405	94.112	ug/l	88
30) Chloroform	7.817	83	496024	20.516	ug/l	98
31) Cyclohexane	8.094	56	488303	20.630	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	414569	20.130	ug/l	96
36) 1,1-Dichloropropene	8.222	75	358850	21.256	ug/l	96
37) Ethyl Acetate	7.412	43	488004	19.421	ug/l	94
38) Carbon Tetrachloride	8.204	117	344660	20.819	ug/l	99
39) Methylcyclohexane	9.459	83	436596	21.741	ug/l	89
40) Benzene	8.461	78	1086038	21.046	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	243675	20.658	ug/l #	88
42) 1,2-Dichloroethane	8.531	62	443863	21.308	ug/l	96
43) Isopropyl Acetate	8.560	43	760543	20.453	ug/l #	94
44) Trichloroethene	9.215	130	261508	21.232	ug/l	89
45) 1,2-Dichloropropane	9.491	63	293820	21.203	ug/l	99
46) Dibromomethane	9.577	93	192882	21.223	ug/l	93
47) Bromodichloromethane	9.762	83	365748	21.256	ug/l	99
48) Methyl methacrylate	9.561	41	375814	21.657	ug/l #	81
49) 1,4-Dioxane	9.569	88	117741	378.138	ug/l #	89
51) 4-Methyl-2-Pentanone	10.330	43	2426922	100.607	ug/l	95
52) Toluene	10.505	92	671244	21.306	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	377080	19.994	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	419574	20.541	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	264274	20.790	ug/l	97
56) Ethyl methacrylate	10.762	69	439801	19.780	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	474495	21.199	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.041	63	485072	87.772	ug/l	92
59) 2-Hexanone	11.087	43	1729237	94.762	ug/l	93
60) Dibromochloromethane	11.237	129	252894	20.062	ug/l	100
61) 1,2-Dibromoethane	11.344	107	276020	20.964	ug/l	98
64) Tetrachloroethene	10.977	164	242412	21.909	ug/l	95
65) Chlorobenzene	11.771	112	694956	20.993	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	246643	21.168	ug/l	100
67) Ethyl Benzene	11.846	91	1309792	21.782	ug/l	96
68) m/p-Xylenes	11.953	106	958356	43.771	ug/l	93
69) o-Xylene	12.280	106	476496	21.606	ug/l	93
70) Styrene	12.294	104	755319	21.598	ug/l	96
71) Bromoform	12.460	173	175895	19.417	ug/l #	100
73) Isopropylbenzene	12.578	105	1236537	20.607	ug/l	98
74) N-amyl acetate	12.390	43	505943	19.066	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	417630	20.127	ug/l	97
76) 1,2,3-Trichloropropane	12.881	75	359847m	18.606	ug/l	
77) Bromobenzene	12.862	156	284536	20.188	ug/l	79
78) n-propylbenzene	12.921	91	1398751	20.948	ug/l	96
79) 2-Chlorotoluene	13.007	91	862568	20.444	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	1014873	21.013	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.623	75	96149	19.010	ug/l	88
82) 4-Chlorotoluene	13.106	91	818237	20.622	ug/l	94
83) tert-Butylbenzene	13.323	119	884992	20.694	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	988505	21.491	ug/l	99
85) sec-Butylbenzene	13.503	105	1210936	20.876	ug/l	97
86) p-Isopropyltoluene	13.616	119	965512	21.294	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	486587	21.015	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	464793	20.426	ug/l	96
89) n-Butylbenzene	13.943	91	752530	20.460	ug/l	98
90) Hexachloroethane	14.211	117	156747	19.690	ug/l	86
91) 1,2-Dichlorobenzene	13.989	146	469409	20.807	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	71138	18.973	ug/l	78
93) 1,2,4-Trichlorobenzene	15.262	180	202918	20.161	ug/l	97
94) Hexachlorobutadiene	15.370	225	126527	21.162	ug/l	99
95) Naphthalene	15.507	128	512623	18.299	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	194652	19.607	ug/l	98

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

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