

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122821\
 Data File : VN070332.D
 Acq On : 28 Dec 2021 18:19
 Operator : JC/MD
 Sample : VN1228WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/29/2021
 Supervised By : Mahesh Dadoda 12/30/2021

Quant Time: Dec 28 19:10:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1067490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1760550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1620445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	669529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.439	65	777969	50.687	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.380%			
35) Dibromofluoromethane	8.024	113	559773	52.550	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.100%			
50) Toluene-d8	10.440	98	2225360	51.140	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.280%			
62) 4-Bromofluorobenzene	12.731	95	765433	48.701	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.072	85	228782	18.898	ug/l	100
3) Chloromethane	2.303	50	315583	19.164	ug/l	100
4) Vinyl Chloride	2.445	62	288531	19.244	ug/l	99
5) Bromomethane	2.853	94	158152	20.437	ug/l	100
6) Chloroethane	3.019	64	168069	18.614	ug/l	100
7) Trichlorofluoromethane	3.376	101	325047	18.012	ug/l	100
8) Diethyl Ether	3.824	74	153171	19.254	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.210	101	207322	18.783	ug/l	97
10) Methyl Iodide	4.419	142	293413	19.643	ug/l	99
11) Tert butyl alcohol	5.382	59	259410	101.507	ug/l	99
12) 1,1-Dichloroethene	4.178	96	203479	18.716	ug/l	94
13) Acrolein	4.041	56	219110	105.668	ug/l	99
14) Allyl chloride	4.840	41	462803	18.776	ug/l	86
15) Acrylonitrile	5.556	53	837458	105.013	ug/l	99
16) Acetone	4.288	43	952966	95.645	ug/l	100
17) Carbon Disulfide	4.529	76	556436	18.750	ug/l	99
18) Methyl Acetate	4.856	43	600850	20.847	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	778153	19.273	ug/l	95
20) Methylene Chloride	5.095	84	257259	18.662	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	218855	19.012	ug/l	85
22) Diisopropyl ether	6.498	45	949125	19.769	ug/l #	93
23) Vinyl Acetate	6.436	43	3381974	90.792	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	469514	18.860	ug/l	98
25) 2-Butanone	7.337	43	1254129	99.968	ug/l	90
26) 2,2-Dichloropropane	7.326	77	357458	18.202	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	261301	19.024	ug/l	87
28) Bromochloromethane	7.659	49	217919	17.900	ug/l #	76
29) Tetrahydrofuran	7.688	42	818551	109.359	ug/l	86
30) Chloroform	7.820	83	458074	19.074	ug/l	99
31) Cyclohexane	8.096	56	462773	19.107	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	385112	19.018	ug/l	97
36) 1,1-Dichloropropene	8.222	75	326905	18.551	ug/l	96
37) Ethyl Acetate	7.415	43	489234	21.419	ug/l	96
38) Carbon Tetrachloride	8.206	117	324193	19.267	ug/l	99
39) Methylcyclohexane	9.461	83	388589	18.215	ug/l	88
40) Benzene	8.461	78	1042582	19.299	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	243232	21.290	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	382981	18.860	ug/l	98
43) Isopropyl Acetate	8.563	43	731914	20.324	ug/l #	94
44) Trichloroethene	9.217	130	234192	18.244	ug/l	93
45) 1,2-Dichloropropane	9.491	63	286705	19.711	ug/l	100
46) Dibromomethane	9.577	93	176294	19.491	ug/l	94
47) Bromodichloromethane	9.762	83	358375	19.955	ug/l	99
48) Methyl methacrylate	9.560	41	360528	20.989	ug/l #	80
49) 1,4-Dioxane	9.569	88	106941	425.304	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	2414067	106.682	ug/l	96
52) Toluene	10.505	92	633677	19.378	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	377651	19.424	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	416485	19.802	ug/l	95
55) 1,1,2-Trichloroethane	10.899	97	248721	19.224	ug/l	98
56) Ethyl methacrylate	10.762	69	425515	19.904	ug/l	90
57) 1,3-Dichloropropane	11.044	76	445471	19.466	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	626418	124.733	ug/l	90
59) 2-Hexanone	11.084	43	1844557	111.779	ug/l	92
60) Dibromochloromethane	11.237	129	257172	20.372	ug/l	99
61) 1,2-Dibromoethane	11.347	107	254991	19.410	ug/l	100
64) Tetrachloroethene	10.979	164	199926	17.038	ug/l	95
65) Chlorobenzene	11.770	112	645887	18.785	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	240104	19.561	ug/l	99
67) Ethyl Benzene	11.846	91	1199415	19.039	ug/l	97
68) m/p-Xylenes	11.953	106	883423	38.525	ug/l	94
69) o-Xylene	12.280	106	435753	19.105	ug/l	93
70) Styrene	12.293	104	701864	19.443	ug/l	97
71) Bromoform	12.457	173	191907	21.067	ug/l #	99
73) Isopropylbenzene	12.578	105	1106713	17.800	ug/l	98
74) N-amyl acetate	12.387	43	534156	20.432	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	399827	18.636	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	370532m	20.405	ug/l	
77) Bromobenzene	12.859	156	257841	18.063	ug/l	76
78) n-propylbenzene	12.921	91	1266474	18.384	ug/l	96
79) 2-Chlorotoluene	13.007	91	783077	17.716	ug/l	93
80) 1,3,5-Trimethylbenzene	13.060	105	910519	18.274	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	115709	21.115	ug/l	98
82) 4-Chlorotoluene	13.106	91	747789	18.061	ug/l	92
83) tert-Butylbenzene	13.323	119	789488	17.995	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	889681	18.544	ug/l	97
85) sec-Butylbenzene	13.500	105	1077737	18.094	ug/l	97
86) p-Isopropyltoluene	13.616	119	853290	18.237	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	432975	18.119	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	422258	17.914	ug/l	96
89) n-Butylbenzene	13.943	91	712398	18.254	ug/l	97
90) Hexachloroethane	14.211	117	167101	20.557	ug/l	91
91) 1,2-Dichlorobenzene	13.988	146	422168	18.021	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	76399	21.211	ug/l	80
93) 1,2,4-Trichlorobenzene	15.262	180	202196	18.318	ug/l	98
94) Hexachlorobutadiene	15.370	225	125122	19.505	ug/l	100
95) Naphthalene	15.506	128	593771	20.562	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	202662	19.704	ug/l	97

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

