

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070221\
 Data File : VN067615.D
 Acq On : 2 Jul 2021 14:34
 Operator : JC/MD
 Sample : VN0702WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0702WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/7/2021 8:51:23 AM

Quant Time: Jul 05 04:59:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 12:55:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	399659	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	717198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	694098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	305115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	290828	48.630	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.260%		
35) Dibromofluoromethane	8.021	113	214293	48.309	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.620%		
50) Toluene-d8	10.443	98	892388	47.665	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.320%		
62) 4-Bromofluorobenzene	12.733	95	309098	46.280	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.070	85	76626	17.724	ug/l	98
3) Chloromethane	2.301	50	100067	18.258	ug/l	97
4) Vinyl Chloride	2.443	62	158742	18.776	ug/l	97
5) Bromomethane	2.845	94	142859	21.558	ug/l	99
6) Chloroethane	3.014	64	125396	19.194	ug/l	99
7) Trichlorofluoromethane	3.368	101	319602	19.633	ug/l	99
8) Diethyl Ether	3.813	74	63661	15.085	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.199	101	70999	19.012	ug/l	96
10) Methyl Iodide	4.417	142	74237	15.726	ug/l	93
11) Tert butyl alcohol	5.396	59	68724	83.810	ug/l	# 71
12) 1,1-Dichloroethene	4.173	96	64859	18.259	ug/l	89
13) Acrolein	4.038	56	59560	87.915	ug/l	100
14) Allyl chloride	4.832	41	111514	17.653	ug/l	90
15) Acrylonitrile	5.554	53	187115	87.787	ug/l	98
16) Acetone	4.291	43	159020	83.871	ug/l	96
17) Carbon Disulfide	4.521	76	182224	18.019	ug/l	99
18) Methyl Acetate	4.856	43	88336	18.287	ug/l	97
19) Methyl tert-butyl Ether	5.618	73	261378	18.025	ug/l	99
20) Methylene Chloride	5.092	84	84425	17.861	ug/l	93
21) trans-1,2-Dichloroethene	5.597	96	78174	18.255	ug/l	89
22) Diisopropyl ether	6.498	45	271801	18.366	ug/l	94
23) Vinyl Acetate	6.436	43	1147907	90.570	ug/l	97
24) 1,1-Dichloroethane	6.385	63	150014	18.598	ug/l	100
25) 2-Butanone	7.343	43	275484	90.049	ug/l	98
26) 2,2-Dichloropropane	7.327	77	126997	17.250	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	95173	18.437	ug/l	88
28) Bromochloromethane	7.659	49	72104	18.414	ug/l	88
29) Tetrahydrofuran	7.689	42	185980	91.270	ug/l	94
30) Chloroform	7.817	83	164539	17.863	ug/l	100
31) Cyclohexane	8.094	56	145811	17.627	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	149247	18.580	ug/l	99
36) 1,1-Dichloropropene	8.220	75	119994	17.740	ug/l	94
37) Ethyl Acetate	7.418	43	113873	17.543	ug/l	97
38) Carbon Tetrachloride	8.204	117	121688	17.849	ug/l	99
39) Methylcyclohexane	9.459	83	139104	18.704	ug/l	93
40) Benzene	8.458	78	367680	18.320	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	58466	18.372	ug/l	95
42) 1,2-Dichloroethane	8.531	62	134582	18.262	ug/l	96
43) Isopropyl Acetate	8.566	43	207445	18.325	ug/l	97
44) Trichloroethene	9.217	130	93482	18.617	ug/l	91
45) 1,2-Dichloropropane	9.494	63	92219	18.544	ug/l	97
46) Dibromomethane	9.579	93	67501	18.603	ug/l	97
47) Bromodichloromethane	9.764	83	128415	18.410	ug/l	100
48) Methyl methacrylate	9.563	41	88993	17.871	ug/l	89
49) 1,4-Dioxane	9.571	88	31483	356.509	ug/l	87
51) 4-Methyl-2-Pentanone	10.336	43	633611	91.536	ug/l	97
52) Toluene	10.507	92	243494	18.217	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	134112	16.869	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	145578	18.331	ug/l	93
55) 1,1,2-Trichloroethane	10.902	97	93474	18.230	ug/l	96
56) Ethyl methacrylate	10.765	69	142619	18.004	ug/l	95
57) 1,3-Dichloropropane	11.046	76	154226	18.102	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	144919	90.518	ug/l	95
59) 2-Hexanone	11.089	43	438119	90.298	ug/l	96
60) Dibromochloromethane	11.240	129	92769	16.440	ug/l	100
61) 1,2-Dibromoethane	11.349	107	95249	17.964	ug/l	99
64) Tetrachloroethene	10.979	164	93168	18.858	ug/l	92
65) Chlorobenzene	11.773	112	256116	18.016	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.846	131	93041	18.445	ug/l	100
67) Ethyl Benzene	11.848	91	482875	18.711	ug/l	98
68) m/p-Xylenes	11.958	106	364460	36.853	ug/l	90
69) o-Xylene	12.283	106	181119	18.495	ug/l	89
70) Styrene	12.299	104	290851	17.017	ug/l	94
71) Bromoform	12.460	173	58923	15.984	ug/l #	98
73) Isopropylbenzene	12.581	105	468557	18.452	ug/l	99
74) N-amyl acetate	12.390	43	164763	18.454	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.830	83	130929	18.205	ug/l	100
76) 1,2,3-Trichloropropane	12.886	75	114701m	18.797	ug/l	
77) Bromobenzene	12.862	156	102418	18.078	ug/l	77
78) n-propylbenzene	12.924	91	536480	19.032	ug/l	98
79) 2-Chlorotoluene	13.012	91	320438	18.513	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	386619	18.887	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.629	75	32286	15.954	ug/l	97
82) 4-Chlorotoluene	13.109	91	317230	18.634	ug/l	94
83) tert-Butylbenzene	13.326	119	320781	18.632	ug/l	91
84) 1,2,4-Trimethylbenzene	13.372	105	377663	18.852	ug/l	95
85) sec-Butylbenzene	13.506	105	442822	18.652	ug/l	98
86) p-Isopropyltoluene	13.618	119	357577	18.714	ug/l	95
87) 1,3-Dichlorobenzene	13.618	146	190236	18.483	ug/l	96
88) 1,4-Dichlorobenzene	13.699	146	190479	18.552	ug/l	97
89) n-Butylbenzene	13.946	91	298941	18.802	ug/l	98
90) Hexachloroethane	14.214	117	56770	17.858	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	183546	18.269	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.608	75	22699	18.887	ug/l	76
93) 1,2,4-Trichlorobenzene	15.268	180	75156	17.684	ug/l	98
94) Hexachlorobutadiene	15.372	225	38312	19.182	ug/l	99
95) Naphthalene	15.509	128	213340	17.547	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	73267	18.644	ug/l	97

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

