

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
 Data File : VN067481.D
 Acq On : 24 Jun 2021 14:20
 Operator : JC/MD
 Sample : VN0624WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/25/2021 6:22:52 PM

Quant Time: Jun 25 02:13:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 12:18:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	271412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	575087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	516129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	191879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	260686	46.931	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.860%		
35) Dibromofluoromethane	8.024	113	171687	48.459	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.920%		
50) Toluene-d8	10.443	98	739262	48.922	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.840%		
62) 4-Bromofluorobenzene	12.734	95	252250	46.853	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	87391	19.170	ug/l	99
3) Chloromethane	2.301	50	94702	18.589	ug/l	100
4) Vinyl Chloride	2.443	62	85017	18.706	ug/l	98
5) Bromomethane	2.853	94	51942	20.696	ug/l	100
6) Chloroethane	3.017	64	54300	18.519	ug/l	96
7) Trichlorofluoromethane	3.371	101	129944	18.896	ug/l	96
8) Diethyl Ether	3.819	74	50870	18.028	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.202	101	73358	19.515	ug/l	93
10) Methyl Iodide	4.414	142	63528	15.349	ug/l #	65
11) Tert butyl alcohol	5.385	59	75940	83.710	ug/l #	83
12) 1,1-Dichloroethene	4.175	96	70796	19.045	ug/l	97
13) Acrolein	4.039	56	70950	91.994	ug/l	100
14) Allyl chloride	4.835	41	140927	17.284	ug/l	96
15) Acrylonitrile	5.557	53	223643	92.593	ug/l	98
16) Acetone	4.291	43	176841	83.181	ug/l #	87
17) Carbon Disulfide	4.521	76	221980	18.322	ug/l	98
18) Methyl Acetate	4.857	43	104501	17.613	ug/l #	80
19) Methyl tert-butyl Ether	5.618	73	268309	18.204	ug/l	97
20) Methylene Chloride	5.098	84	86242	17.239	ug/l	99
21) trans-1,2-Dichloroethene	5.594	96	74536	18.661	ug/l	99
22) Diisopropyl ether	6.495	45	300973	18.773	ug/l	98
23) Vinyl Acetate	6.436	43	1150496	84.579	ug/l	100
24) 1,1-Dichloroethane	6.385	63	159492	18.229	ug/l	98
25) 2-Butanone	7.343	43	295143	89.296	ug/l	98
26) 2,2-Dichloropropane	7.324	77	131242	17.623	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	88193	18.688	ug/l	99
28) Bromochloromethane	7.659	49	75429	18.088	ug/l	89
29) Tetrahydrofuran	7.691	42	197834	94.526	ug/l	99
30) Chloroform	7.817	83	153177	18.378	ug/l	96
31) Cyclohexane	8.094	56	159928	17.988	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	127065	18.223	ug/l	97
36) 1,1-Dichloropropene	8.222	75	122272	18.873	ug/l	98
37) Ethyl Acetate	7.415	43	129374	18.906	ug/l	99
38) Carbon Tetrachloride	8.206	117	101255	18.351	ug/l	97
39) Methylcyclohexane	9.459	83	140938	18.875	ug/l	98
40) Benzene	8.461	78	357994	18.809	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	67332	19.456	ug/l	96
42) 1,2-Dichloroethane	8.534	62	124612	18.000	ug/l	97
43) Isopropyl Acetate	8.563	43	213026	18.049	ug/l	97
44) Trichloroethene	9.217	130	74172	19.731	ug/l	95
45) 1,2-Dichloropropane	9.491	63	99986	19.175	ug/l	97
46) Dibromomethane	9.580	93	58641	18.557	ug/l	95
47) Bromodichloromethane	9.765	83	116709	18.034	ug/l	96
48) Methyl methacrylate	9.561	41	91687	17.943	ug/l	95
49) 1,4-Dioxane	9.572	88	29365	402.783	ug/l	98
51) 4-Methyl-2-Pentanone	10.333	43	644407	93.517	ug/l	97
52) Toluene	10.508	92	211426	19.023	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	132932	17.680	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	148784	18.619	ug/l	93
55) 1,1,2-Trichloroethane	10.902	97	80638	18.928	ug/l	96
56) Ethyl methacrylate	10.762	69	143454	18.689	ug/l	92
57) 1,3-Dichloropropane	11.047	76	151153	18.756	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	150664	86.857	ug/l	95
59) 2-Hexanone	11.087	43	443315	91.350	ug/l	95
60) Dibromochloromethane	11.240	129	70195	17.479	ug/l	99
61) 1,2-Dibromoethane	11.350	107	76664	18.504	ug/l	99
64) Tetrachloroethene	10.980	164	64560	19.231	ug/l	98
65) Chlorobenzene	11.771	112	200091	18.654	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	66152	17.612	ug/l	95
67) Ethyl Benzene	11.846	91	412599	18.885	ug/l	98
68) m/p-Xylenes	11.956	106	284288	38.434	ug/l	98
69) o-Xylene	12.283	106	140284	19.143	ug/l	99
70) Styrene	12.296	104	228026	19.017	ug/l	98
71) Bromoform	12.463	173	42503	17.081	ug/l #	99
73) Isopropylbenzene	12.581	105	371468	19.017	ug/l	98
74) N-amyl acetate	12.388	43	168901	17.913	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.830	83	116469	18.434	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	100658m	17.824	ug/l	
77) Bromobenzene	12.865	156	67945	18.870	ug/l	92
78) n-propylbenzene	12.921	91	450310	18.695	ug/l	96
79) 2-Chlorotoluene	13.010	91	269156	18.611	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	300871	18.861	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	35786	17.339	ug/l	91
82) 4-Chlorotoluene	13.106	91	267438	18.835	ug/l	96
83) tert-Butylbenzene	13.326	119	237580	18.862	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	295797	18.902	ug/l	99
85) sec-Butylbenzene	13.503	105	357152	18.942	ug/l	97
86) p-Isopropyltoluene	13.619	119	264131	18.833	ug/l	98
87) 1,3-Dichlorobenzene	13.619	146	125990	19.290	ug/l	98
88) 1,4-Dichlorobenzene	13.696	146	121821	18.650	ug/l	98
89) n-Butylbenzene	13.943	91	263616	18.762	ug/l	97
90) Hexachloroethane	14.214	117	47958	17.942	ug/l	88
91) 1,2-Dichlorobenzene	13.991	146	121967	19.119	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	20421	18.140	ug/l	94
93) 1,2,4-Trichlorobenzene	15.265	180	51932	17.681	ug/l	98
94) Hexachlorobutadiene	15.373	225	27305	18.902	ug/l	97
95) Naphthalene	15.509	128	165273	17.742	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	48747	17.594	ug/l	99

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

