

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068143.D
 Acq On : 17 Aug 2021 15:11
 Operator : JC/MD
 Sample : VN0817WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:54:18 PM

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Quant Time: Aug 17 16:29:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	574105	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	873656	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	852804	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	421856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	306745	50.041	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.080%			
35) Dibromofluoromethane	8.021	113	274998	50.136	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.280%			
50) Toluene-d8	10.443	98	1079606	51.656	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.320%			
62) 4-Bromofluorobenzene	12.734	95	372889	53.595	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	91166	20.041	ug/l	100
3) Chloromethane	2.301	50	97423	18.956	ug/l	100
4) Vinyl Chloride	2.443	62	157493	19.557	ug/l	97
5) Bromomethane	2.848	94	151517	22.119	ug/l	96
6) Chloroethane	3.017	64	116888	21.718	ug/l	99
7) Trichlorofluoromethane	3.368	101	309506	19.550	ug/l	98
8) Diethyl Ether	3.816	74	74973	20.416	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.199	101	98046	20.255	ug/l #	85
10) Methyl Iodide	4.414	142	124210	18.046	ug/l	88
11) Tert butyl alcohol	5.385	59	77835	101.820	ug/l #	79
12) 1,1-Dichloroethene	4.175	96	90577	19.462	ug/l #	75
13) Acrolein	4.039	56	50386	94.151	ug/l	99
14) Allyl chloride	4.838	41	116630	19.605	ug/l #	93
15) Acrylonitrile	5.554	53	213554	99.156	ug/l	99
16) Acetone	4.288	43	172064	96.139	ug/l #	86
17) Carbon Disulfide	4.519	76	236952	19.694	ug/l	100
18) Methyl Acetate	4.857	43	101539	20.312	ug/l #	87
19) Methyl tert-butyl Ether	5.618	73	295968	19.725	ug/l	95
20) Methylene Chloride	5.093	84	107692	20.495	ug/l #	79
21) trans-1,2-Dichloroethene	5.589	96	102208	19.616	ug/l #	78
22) Diisopropyl ether	6.501	45	260309	20.030	ug/l #	93
23) Vinyl Acetate	6.436	43	1009167	99.759	ug/l #	89
24) 1,1-Dichloroethane	6.385	63	167339	19.272	ug/l	98
25) 2-Butanone	7.337	43	270528	96.992	ug/l #	83
26) 2,2-Dichloropropane	7.327	77	147219	19.788	ug/l	91
27) cis-1,2-Dichloroethene	7.327	96	118543	19.000	ug/l	76
28) Bromochloromethane	7.657	49	75596	19.799	ug/l #	46
29) Tetrahydrofuran	7.689	42	177991	99.784	ug/l #	80
30) Chloroform	7.817	83	198758	19.215	ug/l	98
31) Cyclohexane	8.094	56	153485	19.010	ug/l #	79
32) 1,1,1-Trichloroethane	8.013	97	183315	19.873	ug/l	94
36) 1,1-Dichloropropene	8.220	75	143508	20.094	ug/l	91
37) Ethyl Acetate	7.418	43	110397	18.145	ug/l #	95
38) Carbon Tetrachloride	8.206	117	163459	19.844	ug/l	99
39) Methylcyclohexane	9.462	83	163308	20.247	ug/l #	85
40) Benzene	8.461	78	434029	19.911	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	53097	19.115	ug/l #	83
42) 1,2-Dichloroethane	8.534	62	145000	19.528	ug/l	91
43) Isopropyl Acetate	8.563	43	195267	20.036	ug/l #	91
44) Trichloroethene	9.217	130	132343	20.189	ug/l	77
45) 1,2-Dichloropropane	9.491	63	103523	20.191	ug/l	97
46) Dibromomethane	9.580	93	82645	19.760	ug/l #	80
47) Bromodichloromethane	9.765	83	156242	20.102	ug/l #	96
48) Methyl methacrylate	9.561	41	82592	20.336	ug/l #	79
49) 1,4-Dioxane	9.574	88	40933	416.972	ug/l #	79
51) 4-Methyl-2-Pentanone	10.333	43	603391	100.788	ug/l	89
52) Toluene	10.508	92	308771	20.778	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	158858	20.809	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	164550	19.895	ug/l #	84
55) 1,1,2-Trichloroethane	10.902	97	118535	19.961	ug/l	93
56) Ethyl methacrylate	10.762	69	154846	20.305	ug/l #	81
57) 1,3-Dichloropropane	11.047	76	178192	19.482	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.044	63	116063	84.411	ug/l #	84
59) 2-Hexanone	11.087	43	423723	101.931	ug/l	88
60) Dibromochloromethane	11.240	129	133964	19.996	ug/l	99
61) 1,2-Dibromoethane	11.347	107	126222	20.495	ug/l	100
64) Tetrachloroethene	10.980	164	136793	20.744	ug/l	88
65) Chlorobenzene	11.773	112	347293	19.890	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	131930	20.030	ug/l	99
67) Ethyl Benzene	11.846	91	580550	20.157	ug/l	93
68) m/p-Xylenes	11.956	106	478248	41.509	ug/l	80
69) o-Xylene	12.283	106	228564	20.531	ug/l	81
70) Styrene	12.296	104	369250	20.722	ug/l #	90
71) Bromoform	12.460	173	103586	19.610	ug/l #	100
73) Isopropylbenzene	12.581	105	579166	19.304	ug/l	94
74) N-amyl acetate	12.390	43	144540	18.501	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.827	83	164341	18.264	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	131075m	18.694	ug/l	
77) Bromobenzene	12.862	156	158487	19.174	ug/l	56
78) n-propylbenzene	12.924	91	640769	19.910	ug/l	90
79) 2-Chlorotoluene	13.010	91	384124	19.299	ug/l	83
80) 1,3,5-Trimethylbenzene	13.061	105	480839	19.811	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.629	75	40567	18.955	ug/l	89
82) 4-Chlorotoluene	13.106	91	381608	19.753	ug/l	84
83) tert-Butylbenzene	13.326	119	420986	19.533	ug/l	83
84) 1,2,4-Trimethylbenzene	13.372	105	470365	19.852	ug/l	89
85) sec-Butylbenzene	13.503	105	557644	19.650	ug/l	92
86) p-Isopropyltoluene	13.619	119	473033	20.193	ug/l	90
87) 1,3-Dichlorobenzene	13.619	146	281983	20.007	ug/l	91
88) 1,4-Dichlorobenzene	13.696	146	282561	19.789	ug/l	92
89) n-Butylbenzene	13.946	91	341251	19.528	ug/l	96
90) Hexachloroethane	14.214	117	82304	18.936	ug/l	74
91) 1,2-Dichlorobenzene	13.991	146	265300	19.770	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.606	75	24941	18.300	ug/l #	39
93) 1,2,4-Trichlorobenzene	15.268	180	116748	18.384	ug/l	96
94) Hexachlorobutadiene	15.373	225	70701	19.454	ug/l	99
95) Naphthalene	15.509	128	252019	17.545	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	107168	17.963	ug/l	97

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

