

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051721\
 Data File : VN067093.D
 Acq On : 17 May 2021 11:58
 Operator : JC/MD
 Sample : VN0517WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/19/2021 3:58:20 PM

Quant Time: May 18 04:04:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 18 04:00:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.597	168	555851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	807640	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.360	117	698541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.299	152	340300	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	282054	46.97	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.94%		
35) Dibromofluoromethane	7.519	113	260879	49.19	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.38%		
50) Toluene-d8	10.037	98	977745	48.64	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.28%		
62) 4-Bromofluorobenzene	12.355	95	332890	49.44	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.88%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.855	85	92031	18.19	ug/l	98
3) Chloromethane	2.053	50	101117	16.48	ug/l	99
4) Vinyl Chloride	2.182	62	109954	17.91	ug/l	99
5) Bromomethane	2.544	94	78515	18.45	ug/l	98
6) Chloroethane	2.683	64	66476	18.18	ug/l	98
7) Trichlorofluoromethane	2.989	101	149853	18.87	ug/l	98
8) Diethyl Ether	3.375	74	62052	18.37	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.716	101	95678	18.84	ug/l	100
10) Methyl Iodide	3.906	142	141480	16.90	ug/l	99
11) Tert butyl alcohol	4.730	59	92050	91.96	ug/l #	96
12) 1,1-Dichloroethene	3.692	96	91408	17.49	ug/l	100
13) Acrolein	3.571	56	27570	84.43	ug/l	98
14) Allyl chloride	4.263	41	144545	17.94	ug/l	99
15) Acrylonitrile	4.912	53	203820	91.10	ug/l	98
16) Acetone	3.772	43	181350	97.17	ug/l	100
17) Carbon Disulfide	4.003	76	245287	17.52	ug/l	99
18) Methyl Acetate	4.266	43	99171	17.87	ug/l	98
19) Methyl tert-butyl Ether	4.966	73	291000	18.40	ug/l	98
20) Methylene Chloride	4.486	84	105474	17.32	ug/l	98
21) trans-1,2-Dichloroethene	4.966	96	99098	17.75	ug/l	98
22) Diisopropyl ether	5.875	45	272907	18.34	ug/l	92
23) Vinyl Acetate	5.819	43	1201340	92.50	ug/l	100
24) 1,1-Dichloroethane	5.768	63	182468	18.12	ug/l	99
25) 2-Butanone	6.760	43	272409	93.60	ug/l	99
26) 2,2-Dichloropropane	6.744	77	168564	18.21	ug/l	98
27) cis-1,2-Dichloroethene	6.749	96	119260	17.89	ug/l	99
28) Bromochloromethane	7.119	49	73888	17.69	ug/l	99
29) Tetrahydrofuran	7.136	42	168308	93.13	ug/l	100
30) Chloroform	7.299	83	184201	17.87	ug/l	96
31) Cyclohexane	7.586	56	146433	17.70	ug/l	96
32) 1,1,1-Trichloroethane	7.500	97	169162	18.22	ug/l	100
36) 1,1-Dichloropropene	7.723	75	138347	18.78	ug/l	99
37) Ethyl Acetate	6.851	43	120257	18.48	ug/l	97
38) Carbon Tetrachloride	7.707	117	148832	18.98	ug/l	97
39) Methylcyclohexane	9.021	83	161836	18.76	ug/l	98
40) Benzene	7.975	78	423182	18.91	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.101	41	51356m	19.55	ug/l	
42) 1,2-Dichloroethane	8.061	62	134748	18.72	ug/l	100
43) Isopropyl Acetate	8.101	43	205429	19.02	ug/l	98
44) Trichloroethene	8.777	130	122987	19.33	ug/l	100
45) 1,2-Dichloropropane	9.058	63	108503	18.55	ug/l	94
46) Dibromomethane	9.152	93	73620	18.85	ug/l	100
47) Bromodichloromethane	9.345	83	148485	18.35	ug/l	99
48) Methyl methacrylate	9.147	41	85773	17.83	ug/l	95
49) 1,4-Dioxane	9.155	88	29263	380.77	ug/l	97
51) 4-Methyl-2-Pentanone	9.930	43	576284	92.25	ug/l	100
52) Toluene	10.102	92	269401	18.64	ug/l	99
53) t-1,3-Dichloropropene	10.332	75	163507	18.95	ug/l	100
54) cis-1,3-Dichloropropene	9.785	75	182432	18.82	ug/l	98
55) 1,1,2-Trichloroethane	10.509	97	107752	18.77	ug/l	99
56) Ethyl methacrylate	10.381	69	148864	18.14	ug/l	98
57) 1,3-Dichloropropane	10.654	76	172832	18.83	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.643	63	69268	67.22	ug/l	99
59) 2-Hexanone	10.705	43	329099	93.58	ug/l	99
60) Dibromochloromethane	10.850	129	129739	19.18	ug/l	99
61) 1,2-Dibromoethane	10.955	107	107913	18.32	ug/l	99
64) Tetrachloroethene	10.579	164	119696	19.53	ug/l	99
65) Chlorobenzene	11.384	112	301791	19.37	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.459	131	117836	19.08	ug/l	98
67) Ethyl Benzene	11.464	91	504880	19.24	ug/l	100
68) m/p-Xylenes	11.574	106	395989	39.06	ug/l	97
69) o-Xylene	11.901	106	198009	19.40	ug/l	99
70) Styrene	11.920	104	307020	19.33	ug/l	100
71) Bromoform	12.081	173	98145	19.46	ug/l #	100
73) Isopropylbenzene	12.202	105	521253	18.34	ug/l	100
74) N-amyl acetate	12.046	43	26267	5.55	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.457	83	152307	17.68	ug/l	97
76) 1,2,3-Trichloropropane	12.508	75	130586m	18.18	ug/l	
77) Bromobenzene	12.478	156	134066	18.96	ug/l	96
78) n-propylbenzene	12.545	91	546041	18.99	ug/l	99
79) 2-Chlorotoluene	12.628	91	338256	17.78	ug/l	99
80) 1,3,5-Trimethylbenzene	12.687	105	433019	18.26	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.258	75	34019	17.55	ug/l	99
82) 4-Chlorotoluene	12.727	91	322681	18.49	ug/l	98
83) tert-Butylbenzene	12.947	119	387450	17.31	ug/l	99
84) 1,2,4-Trimethylbenzene	12.996	105	404887	18.52	ug/l	100
85) sec-Butylbenzene	13.127	105	507872	18.99	ug/l	100
86) p-Isopropyltoluene	13.245	119	437954	18.87	ug/l	99
87) 1,3-Dichlorobenzene	13.240	146	221292	19.28	ug/l	99
88) 1,4-Dichlorobenzene	13.317	146	219727	18.38	ug/l	99
89) n-Butylbenzene	13.572	91	311754	17.71	ug/l	100
90) Hexachloroethane	13.827	117	77938	18.35	ug/l	99
91) 1,2-Dichlorobenzene	13.610	146	217569	18.28	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.235	75	25596	20.15	ug/l	92
93) 1,2,4-Trichlorobenzene	14.868	180	121187	20.08	ug/l	99
94) Hexachlorobutadiene	14.964	225	84305	20.28	ug/l	99
95) Naphthalene	15.090	128	232166	18.26	ug/l	99
96) 1,2,3-Trichlorobenzene	15.267	180	116492	20.93	ug/l	97

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

