

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050521\
 Data File : VN066981.D
 Acq On : 5 May 2021 12:15
 Operator : JC/MD
 Sample : VN0505WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/6/2021 5:40:11 PM

Quant Time: May 06 04:46:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 07:24:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.589	168	450563	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.517	114	744906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	687146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	316063	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.951	65	354826	50.03	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.06%			
35) Dibromofluoromethane	7.509	113	252846	49.99	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.98%			
50) Toluene-d8	10.030	98	974821	50.60	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.20%			
62) 4-Bromofluorobenzene	12.347	95	326799	50.10	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.20%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.837	85	111542	18.33	ug/l	99
3) Chloromethane	2.035	50	154158	17.65	ug/l	99
4) Vinyl Chloride	2.161	62	146808	17.51	ug/l	99
5) Bromomethane	2.512	94	82337	18.46	ug/l	99
6) Chloroethane	2.657	64	91006	18.42	ug/l	99
7) Trichlorofluoromethane	2.971	101	185537	18.65	ug/l	99
8) Diethyl Ether	3.354	74	62232	17.41	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.692	101	93978	18.57	ug/l	93
10) Methyl Iodide	3.883	142	115931	17.38	ug/l	# 90
11) Tert butyl alcohol	4.706	59	95749	95.62	ug/l	# 91
12) 1,1-Dichloroethene	3.671	96	87120	17.68	ug/l	85
13) Acrolein	3.548	56	66143	79.39	ug/l	95
14) Allyl chloride	4.248	41	174529	17.67	ug/l	93
15) Acrylonitrile	4.894	53	274222	92.28	ug/l	99
16) Acetone	3.754	43	222330	89.12	ug/l	97
17) Carbon Disulfide	3.982	76	273173	17.89	ug/l	99
18) Methyl Acetate	4.250	43	141666	19.85	ug/l	96
19) Methyl tert-butyl Ether	4.950	73	322932	18.29	ug/l	96
20) Methylene Chloride	4.470	84	116040	18.34	ug/l	91
21) trans-1,2-Dichloroethene	4.953	96	97204	18.14	ug/l	87
22) Diisopropyl ether	5.862	45	366171	18.31	ug/l	91
23) Vinyl Acetate	5.806	43	1450630	90.64	ug/l	96
24) 1,1-Dichloroethane	5.758	63	210830	18.24	ug/l	96
25) 2-Butanone	6.750	43	333450	90.65	ug/l	94
26) 2,2-Dichloropropane	6.734	77	181419	18.70	ug/l	94
27) cis-1,2-Dichloroethene	6.745	96	110468	17.99	ug/l	85
28) Bromochloromethane	7.109	49	98780	18.49	ug/l	# 79
29) Tetrahydrofuran	7.128	42	224626	92.03	ug/l	95
30) Chloroform	7.292	83	203143	18.42	ug/l	97
31) Cyclohexane	7.579	56	173847	17.42	ug/l	92
32) 1,1,1-Trichloroethane	7.490	97	175624	18.46	ug/l	97
36) 1,1-Dichloropropene	7.715	75	139513	17.98	ug/l	97
37) Ethyl Acetate	6.844	43	148566	18.79	ug/l	99
38) Carbon Tetrachloride	7.697	117	152591	18.86	ug/l	97
39) Methylcyclohexane	9.013	83	155032	17.93	ug/l	92
40) Benzene	7.968	78	451795	18.55	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.085	41	61433	18.08	ug/l #	100
42) 1,2-Dichloroethane	8.051	62	163071	18.77	ug/l	96
43) Isopropyl Acetate	8.094	43	238889	18.61	ug/l #	89
44) Trichloroethene	8.769	130	97050	18.09	ug/l	93
45) 1,2-Dichloropropane	9.051	63	128075	18.82	ug/l	99
46) Dibromomethane	9.142	93	75650	18.85	ug/l	91
47) Bromodichloromethane	9.338	83	163028	18.79	ug/l	98
48) Methyl methacrylate	9.137	41	102501	18.02	ug/l	95
49) 1,4-Dioxane	9.140	88	32484	360.27	ug/l #	87
51) 4-Methyl-2-Pentanone	9.923	43	706126	95.15	ug/l	96
52) Toluene	10.094	92	265959	18.58	ug/l	99
53) t-1,3-Dichloropropene	10.325	75	165118	17.85	ug/l	96
54) cis-1,3-Dichloropropene	9.778	75	185728	18.18	ug/l	98
55) 1,1,2-Trichloroethane	10.502	97	105311	18.54	ug/l	94
56) Ethyl methacrylate	10.373	69	136909	18.91	ug/l	97
57) 1,3-Dichloropropane	10.647	76	188222	18.70	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.636	63	117665	86.51	ug/l	91
59) 2-Hexanone	10.695	43	407001	94.92	ug/l	95
60) Dibromochloromethane	10.843	129	117324	18.45	ug/l	100
61) 1,2-Dibromoethane	10.944	107	102758	18.57	ug/l	98
64) Tetrachloroethene	10.572	164	84068	17.90	ug/l	95
65) Chlorobenzene	11.376	112	271039	18.43	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.451	131	109268	19.16	ug/l	98
67) Ethyl Benzene	11.457	91	470571	18.17	ug/l	98
68) m/p-Xylenes	11.567	106	352503	36.57	ug/l	93
69) o-Xylene	11.894	106	167556	17.96	ug/l	93
70) Styrene	11.913	104	261300	18.93	ug/l	97
71) Bromoform	12.076	173	73916	17.93	ug/l #	99
73) Isopropylbenzene	12.194	105	450411	18.37	ug/l	98
74) N-amyl acetate	12.057	43	8318	1.88	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.452	83	163569	19.03	ug/l	99
76) 1,2,3-Trichloropropane	12.500	75	137457m	18.26	ug/l	
77) Bromobenzene	12.471	156	103140	17.83	ug/l	79
78) n-propylbenzene	12.538	91	520481	18.70	ug/l	98
79) 2-Chlorotoluene	12.618	91	335285	18.39	ug/l	95
80) 1,3,5-Trimethylbenzene	12.680	105	391300	18.29	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.253	75	32908	17.72	ug/l	97
82) 4-Chlorotoluene	12.720	91	319993	18.24	ug/l	94
83) tert-Butylbenzene	12.937	119	324159	18.06	ug/l	94
84) 1,2,4-Trimethylbenzene	12.985	105	372662	18.25	ug/l	99
85) sec-Butylbenzene	13.117	105	416313	17.86	ug/l	99
86) p-Isopropyltoluene	13.235	119	354439	17.69	ug/l	96
87) 1,3-Dichlorobenzene	13.230	146	179969	17.94	ug/l	98
88) 1,4-Dichlorobenzene	13.310	146	171740	17.02	ug/l	91
89) n-Butylbenzene	13.565	91	265664	18.48	ug/l	97
90) Hexachloroethane	13.817	117	80192	17.79	ug/l	100
91) 1,2-Dichlorobenzene	13.602	146	185176	18.45	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.227	75	24261	15.93	ug/l	83
93) 1,2,4-Trichlorobenzene	14.857	180	89286	16.82	ug/l	97
94) Hexachlorobutadiene	14.949	225	60830	18.72	ug/l	98
95) Naphthalene	15.077	128	227804	16.41	ug/l	98
96) 1,2,3-Trichlorobenzene	15.254	180	85756	16.66	ug/l	93

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

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