

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031721\
 Data File : VN066230.D
 Acq On : 17 Mar 2021 12:52
 Operator : JC/MD
 Sample : VN0317WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/18/2021 2:19:22 PM

Quant Time: Mar 18 04:42:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 05:05:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	273189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	427618	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	413487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	206898	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	199488	50.68	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.36%			
35) Dibromofluoromethane	7.504	113	140135	51.37	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.74%			
50) Toluene-d8	10.025	98	537581	50.97	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.94%			
62) 4-Bromofluorobenzene	12.342	95	184681	48.57	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.14%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.818	85	50125	18.65	ug/l	96
3) Chloromethane	2.017	50	73633	16.80	ug/l	98
4) Vinyl Chloride	2.148	62	67754	17.46	ug/l	99
5) Bromomethane	2.521	94	39454	17.77	ug/l	99
6) Chloroethane	2.655	64	37443	16.68	ug/l	97
7) Trichlorofluoromethane	2.966	101	83956	18.48	ug/l	93
8) Diethyl Ether	3.342	74	31234	16.84	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.677	101	45302	18.82	ug/l #	86
10) Methyl Iodide	3.870	142	52106	15.29	ug/l	99
11) Tert butyl alcohol	4.712	59	59813	89.03	ug/l #	83
12) 1,1-Dichloroethene	3.658	96	42288	16.49	ug/l	97
13) Acrolein	3.529	56	42638	68.11	ug/l	100
14) Allyl chloride	4.227	41	102331	16.84	ug/l #	86
15) Acrylonitrile	4.881	53	180714	89.81	ug/l	99
16) Acetone	3.736	43	157782	83.45	ug/l	100
17) Carbon Disulfide	3.966	76	121920	16.83	ug/l	99
18) Methyl Acetate	4.235	43	104057	19.67	ug/l	99
19) Methyl tert-butyl Ether	4.943	73	176649	18.02	ug/l	99
20) Methylene Chloride	4.452	84	52608	17.78	ug/l	94
21) trans-1,2-Dichloroethene	4.932	96	53531	18.84	ug/l	90
22) Diisopropyl ether	5.857	45	234529	18.79	ug/l	99
23) Vinyl Acetate	5.796	43	945676	88.35	ug/l	98
24) 1,1-Dichloroethane	5.742	63	118581	19.06	ug/l	100
25) 2-Butanone	6.742	43	262159	89.27	ug/l	99
26) 2,2-Dichloropropane	6.724	77	97531	18.97	ug/l	99
27) cis-1,2-Dichloroethene	6.724	96	60373m	18.43	ug/l	
28) Bromochloromethane	7.099	49	63647	19.35	ug/l	93
29) Tetrahydrofuran	7.126	42	174453	86.26	ug/l	98
30) Chloroform	7.284	83	110121	19.38	ug/l	97
31) Cyclohexane	7.566	56	94903	16.10	ug/l #	89
32) 1,1,1-Trichloroethane	7.483	97	93828	19.21	ug/l	98
36) 1,1-Dichloropropene	7.708	75	79169	18.28	ug/l	99
37) Ethyl Acetate	6.839	43	108167	17.48	ug/l	97
38) Carbon Tetrachloride	7.686	117	80341	20.70	ug/l	95
39) Methylcyclohexane	9.009	83	82252	17.69	ug/l	98
40) Benzene	7.960	78	244509	18.81	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.083	41	51094	16.74	ug/l	95
42) 1,2-Dichloroethane	8.046	62	91602	19.42	ug/l	96
43) Isopropyl Acetate	8.091	43	169720	17.73	ug/l	99
44) Trichloroethene	8.764	130	60976	19.30	ug/l	98
45) 1,2-Dichloropropane	9.046	63	76263	20.27	ug/l	95
46) Dibromomethane	9.140	93	42629	20.34	ug/l	95
47) Bromodichloromethane	9.336	83	88091	19.27	ug/l	98
48) Methyl methacrylate	9.132	41	77589	17.10	ug/l	95
49) 1,4-Dioxane	9.135	88	18360	372.96	ug/l	95
51) 4-Methyl-2-Pentanone	9.920	43	443105	76.61	ug/l	93
52) Toluene	10.089	92	146733	19.47	ug/l	99
53) t-1,3-Dichloropropene	10.320	75	89096	17.24	ug/l	98
54) cis-1,3-Dichloropropene	9.776	75	96110	17.12	ug/l #	89
55) 1,1,2-Trichloroethane	10.500	97	61375	19.89	ug/l	93
56) Ethyl methacrylate	10.368	69	77617	15.64	ug/l	86
57) 1,3-Dichloropropane	10.647	76	101587	18.24	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.631	63	30243	86.67	ug/l	95
59) 2-Hexanone	10.693	43	316549	70.96	ug/l	92
60) Dibromochloromethane	10.840	129	61999	19.18	ug/l	100
61) 1,2-Dibromoethane	10.945	107	59169	19.25	ug/l	99
64) Tetrachloroethene	10.569	164	70199	20.47	ug/l	96
65) Chlorobenzene	11.374	112	153504	18.50	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.449	131	60739	19.54	ug/l	99
67) Ethyl Benzene	11.452	91	251686	17.10	ug/l	98
68) m/p-Xylenes	11.564	106	200975	36.81	ug/l	90
69) o-Xylene	11.889	106	92793	17.69	ug/l	87
70) Styrene	11.905	104	159457	17.81	ug/l	94
71) Bromoform	12.069	173	47146	19.13	ug/l #	97
73) Isopropylbenzene	12.192	105	239844	16.54	ug/l	95
74) N-amyl acetate	12.015	43	89826	12.84	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.447	83	89017	17.57	ug/l	98
76) 1,2,3-Trichloropropane	12.495	75	85141m	15.94	ug/l	
77) Bromobenzene	12.468	156	69926	18.39	ug/l	87
78) n-propylbenzene	12.535	91	279429	16.76	ug/l	95
79) 2-Chlorotoluene	12.616	91	173242	17.01	ug/l	93
80) 1,3,5-Trimethylbenzene	12.677	105	206571	17.17	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.243	75	26774	15.00	ug/l	91
82) 4-Chlorotoluene	12.715	91	178706	16.45	ug/l	96
83) tert-Butylbenzene	12.935	119	168841	16.09	ug/l	96
84) 1,2,4-Trimethylbenzene	12.983	105	201845	17.16	ug/l	94
85) sec-Butylbenzene	13.115	105	223629	16.63	ug/l	96
86) p-Isopropyltoluene	13.233	119	199610	16.92	ug/l	97
87) 1,3-Dichlorobenzene	13.225	146	121998	18.93	ug/l	98
88) 1,4-Dichlorobenzene	13.305	146	122066	18.08	ug/l	98
89) n-Butylbenzene	13.557	91	167558	15.76	ug/l	98
90) Hexachloroethane	13.815	117	34639	16.77	ug/l	92
91) 1,2-Dichlorobenzene	13.597	146	121771	19.18	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.214	75	17774	16.29	ug/l	94
93) 1,2,4-Trichlorobenzene	14.850	180	75554	18.21	ug/l	99
94) Hexachlorobutadiene	14.949	225	38511	19.10	ug/l	99
95) Naphthalene	15.070	128	204242	16.83	ug/l	100
96) 1,2,3-Trichlorobenzene	15.249	180	75033	18.16	ug/l	99

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

