

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031821\
 Data File : VN066247.D
 Acq On : 18 Mar 2021 11:58
 Operator : JC/MD
 Sample : VN0318WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/19/2021 3:33:46 PM

Quant Time: Mar 19 04:22:49 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	7.582	168	296447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	437381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	414958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	200951	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	181838	42.57	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 85.14%			
35) Dibromofluoromethane	7.507	113	148796	53.33	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.66%			
50) Toluene-d8	10.028	98	560105	51.92	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.84%			
62) 4-Bromofluorobenzene	12.345	95	198922	51.15	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.30%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.821	85	50335	17.26	ug/l	95
3) Chloromethane	2.017	50	74993	15.75	ug/l	99
4) Vinyl Chloride	2.148	62	70670	16.79	ug/l	97
5) Bromomethane	2.523	94	39124	16.24	ug/l	93
6) Chloroethane	2.658	64	37911	15.57	ug/l	99
7) Trichlorofluoromethane	2.966	101	85131	17.27	ug/l	96
8) Diethyl Ether	3.344	74	33311	16.55	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.685	101	47616	18.23	ug/l	97
10) Methyl Iodide	3.873	142	68420	18.51	ug/l	95
11) Tert butyl alcohol	4.720	59	61885	84.88	ug/l #	89
12) 1,1-Dichloroethene	3.663	96	47020	16.89	ug/l	98
13) Acrolein	3.532	56	53433	81.25	ug/l	98
14) Allyl chloride	4.227	41	130112	19.73	ug/l	98
15) Acrylonitrile	4.881	53	182394	83.54	ug/l	99
16) Acetone	3.741	43	181965	88.69	ug/l	99
17) Carbon Disulfide	3.969	76	145092	18.46	ug/l	98
18) Methyl Acetate	4.237	43	115483	20.11	ug/l	97
19) Methyl tert-butyl Ether	4.943	73	182668	17.17	ug/l	99
20) Methylene Chloride	4.452	84	63252	19.71	ug/l	87
21) trans-1,2-Dichloroethene	4.929	96	57557	18.66	ug/l	88
22) Diisopropyl ether	5.857	45	211593	15.62	ug/l #	97
23) Vinyl Acetate	5.795	43	842558	72.54	ug/l #	95
24) 1,1-Dichloroethane	5.739	63	115067	17.04	ug/l	96
25) 2-Butanone	6.748	43	237730	74.60	ug/l #	91
26) 2,2-Dichloropropane	6.723	77	95773	17.16	ug/l	96
27) cis-1,2-Dichloroethene	6.734	96	66341	18.66	ug/l	85
28) Bromochloromethane	7.104	49	55623	15.58	ug/l #	80
29) Tetrahydrofuran	7.128	42	153622	70.00	ug/l #	88
30) Chloroform	7.284	83	109529	17.77	ug/l	95
31) Cyclohexane	7.568	56	93126	14.56	ug/l #	85
32) 1,1,1-Trichloroethane	7.482	97	91704	17.31	ug/l	96
36) 1,1-Dichloropropene	7.705	75	77809	17.57	ug/l	95
37) Ethyl Acetate	6.841	43	97309	15.37	ug/l #	95
38) Carbon Tetrachloride	7.689	117	76663	19.31	ug/l	93
39) Methylcyclohexane	9.011	83	84196	17.70	ug/l	91
40) Benzene	7.960	78	253033	19.03	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.080	41	48465	15.52	ug/l	91
42) 1,2-Dichloroethane	8.046	62	87007	18.03	ug/l	93
43) Isopropyl Acetate	8.091	43	152780	15.61	ug/l #	95
44) Trichloroethene	8.764	130	67539	20.90	ug/l	94
45) 1,2-Dichloropropane	9.046	63	71963	18.70	ug/l	97
46) Dibromomethane	9.140	93	42162	19.66	ug/l	87
47) Bromodichloromethane	9.336	83	86735	18.55	ug/l	97
48) Methyl methacrylate	9.135	41	69799	15.04	ug/l	88
49) 1,4-Dioxane	9.143	88	18795	373.27	ug/l #	88
51) 4-Methyl-2-Pentanone	9.920	43	483550	81.74	ug/l	95
52) Toluene	10.089	92	152262	19.76	ug/l	98
53) t-1,3-Dichloropropene	10.320	75	94404	17.86	ug/l	98
54) cis-1,3-Dichloropropene	9.776	75	103119	17.95	ug/l #	88
55) 1,1,2-Trichloroethane	10.500	97	64698	20.49	ug/l	95
56) Ethyl methacrylate	10.368	69	82894	16.23	ug/l #	86
57) 1,3-Dichloropropane	10.644	76	107400	18.86	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	45985	106.32	ug/l #	89
59) 2-Hexanone	10.693	43	350651	76.74	ug/l	93
60) Dibromochloromethane	10.840	129	68139	20.61	ug/l	97
61) 1,2-Dibromoethane	10.945	107	65197	20.74	ug/l	100
64) Tetrachloroethene	10.569	164	73820	21.45	ug/l	96
65) Chlorobenzene	11.374	112	165414	19.87	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.449	131	63934	20.50	ug/l	99
67) Ethyl Benzene	11.454	91	269382	18.24	ug/l	95
68) m/p-Xylenes	11.562	106	213928	39.05	ug/l	92
69) o-Xylene	11.892	106	97851	18.59	ug/l	95
70) Styrene	11.908	104	168848	18.67	ug/l	97
71) Bromoform	12.069	173	49829	20.15	ug/l #	100
73) Isopropylbenzene	12.192	105	249293	17.70	ug/l	99
74) N-amyl acetate	12.015	43	103978	14.88	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.447	83	89946	18.28	ug/l	100
76) 1,2,3-Trichloropropane	12.498	75	89243m	17.20	ug/l	
77) Bromobenzene	12.466	156	66666	18.05	ug/l	95
78) n-propylbenzene	12.535	91	301440	18.61	ug/l	98
79) 2-Chlorotoluene	12.616	91	188013	19.01	ug/l	99
80) 1,3,5-Trimethylbenzene	12.677	105	214974	18.40	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.243	75	29710	17.13	ug/l	91
82) 4-Chlorotoluene	12.718	91	188315	17.81	ug/l	98
83) tert-Butylbenzene	12.938	119	160840	15.78	ug/l	96
84) 1,2,4-Trimethylbenzene	12.983	105	197166	17.26	ug/l	100
85) sec-Butylbenzene	13.115	105	233375	17.86	ug/l	98
86) p-Isopropyltoluene	13.233	119	209464	18.28	ug/l	99
87) 1,3-Dichlorobenzene	13.227	146	124115	19.83	ug/l	99
88) 1,4-Dichlorobenzene	13.305	146	123884	18.90	ug/l	98
89) n-Butylbenzene	13.560	91	169407	16.32	ug/l	98
90) Hexachloroethane	13.815	117	35732	17.81	ug/l	94
91) 1,2-Dichlorobenzene	13.597	146	124273	20.15	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.217	75	18933	17.79	ug/l	96
93) 1,2,4-Trichlorobenzene	14.850	180	79287	19.68	ug/l	99
94) Hexachlorobutadiene	14.949	225	39311	20.07	ug/l	99
95) Naphthalene	15.070	128	210578	17.87	ug/l	99
96) 1,2,3-Trichlorobenzene	15.249	180	65408	16.30	ug/l	99

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

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