

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031521\
 Data File : VN066201.D
 Acq On : 15 Mar 2021 16:28
 Operator : JC/MD
 Sample : VN0315MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315MBS01

Manual Integrations
 APPROVED

MMDadoda
 3/16/2021 4:37:35 PM

Quant Time: Mar 16 02:09:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 12 13:00:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	363226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	561001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	546647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.284	152	228415	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	291898	49.81	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.62%		
35) Dibromofluoromethane	7.504	113	196418	51.89	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.78%		
50) Toluene-d8	10.025	98	770401	50.25	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.50%		
62) 4-Bromofluorobenzene	12.342	95	267752	47.48	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.96%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.818	85	65009	16.66	ug/l	99
3) Chloromethane	2.019	50	109161	17.51	ug/l	98
4) Vinyl Chloride	2.148	62	92800	17.30	ug/l	98
5) Bromomethane	2.518	94	54048	17.31	ug/l	99
6) Chloroethane	2.655	64	53605	17.23	ug/l	98
7) Trichlorofluoromethane	2.966	101	110303	17.55	ug/l	98
8) Diethyl Ether	3.342	74	48589	19.52	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.674	101	60416	18.67	ug/l	97
10) Methyl Iodide	3.870	142	88769	20.72	ug/l	96
11) Tert butyl alcohol	4.696	59	88475	98.40	ug/l	97
12) 1,1-Dichloroethene	3.658	96	61792	18.32	ug/l	97
13) Acrolein	3.529	56	87737	81.68	ug/l	100
14) Allyl chloride	4.224	41	178106	19.66	ug/l	99
15) Acrylonitrile	4.878	53	283485	106.80	ug/l	98
16) Acetone	3.736	43	257463	98.87	ug/l	100
17) Carbon Disulfide	3.964	76	180718	17.77	ug/l	98
18) Methyl Acetate	4.235	43	158323	21.91	ug/l	99
19) Methyl tert-butyl Ether	4.940	73	270179	20.45	ug/l	98
20) Methylene Chloride	4.452	84	85567	19.70	ug/l	96
21) trans-1,2-Dichloroethene	4.937	96	71728	18.74	ug/l	99
22) Diisopropyl ether	5.852	45	352854	19.91	ug/l	96
23) Vinyl Acetate	5.796	43	1484086	100.90	ug/l	98
24) 1,1-Dichloroethane	5.742	63	171654	19.85	ug/l	100
25) 2-Butanone	6.740	43	414965	93.90	ug/l	99
26) 2,2-Dichloropropane	6.724	77	141105	18.66	ug/l	97
27) cis-1,2-Dichloroethene	6.729	96	88635	19.00	ug/l	98
28) Bromochloromethane	7.102	49	86303	17.78	ug/l	99
29) Tetrahydrofuran	7.123	42	279367	95.02	ug/l	98
30) Chloroform	7.284	83	156038	18.85	ug/l	95
31) Cyclohexane	7.568	56	149233	17.35	ug/l	97
32) 1,1,1-Trichloroethane	7.485	97	129630	18.36	ug/l	100
36) 1,1-Dichloropropene	7.705	75	113419	19.14	ug/l	99
37) Ethyl Acetate	6.833	43	166141	20.09	ug/l	98
38) Carbon Tetrachloride	7.689	117	101531	18.36	ug/l	94
39) Methylcyclohexane	9.011	83	122153	17.77	ug/l	96
40) Benzene	7.960	78	349438	19.48	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.080	41	78820	17.90	ug/l	92
42) 1,2-Dichloroethane	8.043	62	135855	19.71	ug/l	99
43) Isopropyl Acetate	8.089	43	272362	19.53	ug/l	99
44) Trichloroethene	8.762	130	84693	19.37	ug/l	96
45) 1,2-Dichloropropane	9.046	63	105515	19.05	ug/l	99
46) Dibromomethane	9.140	93	58692	19.17	ug/l	97
47) Bromodichloromethane	9.336	83	122327	18.46	ug/l	99
48) Methyl methacrylate	9.132	41	131078	19.91	ug/l	96
49) 1,4-Dioxane	9.132	88	27347	388.35	ug/l	95
51) 4-Methyl-2-Pentanone	9.920	43	873980	103.59	ug/l	99
52) Toluene	10.089	92	212537	19.68	ug/l	97
53) t-1,3-Dichloropropene	10.320	75	141607	18.90	ug/l	99
54) cis-1,3-Dichloropropene	9.773	75	154797	19.06	ug/l	96
55) 1,1,2-Trichloroethane	10.500	97	86030	19.41	ug/l	95
56) Ethyl methacrylate	10.368	69	133720	18.22	ug/l	98
57) 1,3-Dichloropropane	10.645	76	154636	19.19	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.631	63	160147	78.36	ug/l	98
59) 2-Hexanone	10.690	43	613290	87.89	ug/l	100
60) Dibromochloromethane	10.840	129	87923	19.14	ug/l	99
61) 1,2-Dibromoethane	10.945	107	86663	19.35	ug/l	99
64) Tetrachloroethene	10.569	164	90759	19.16	ug/l	95
65) Chlorobenzene	11.371	112	219856	19.62	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.449	131	80383	18.55	ug/l	95
67) Ethyl Benzene	11.452	91	395092	19.42	ug/l	99
68) m/p-Xylenes	11.562	106	288776	38.28	ug/l	98
69) o-Xylene	11.889	106	139745	19.07	ug/l	98
70) Styrene	11.905	104	228241	18.55	ug/l	98
71) Bromoform	12.066	173	63216	18.82	ug/l #	98
73) Isopropylbenzene	12.192	105	364748	21.17	ug/l	97
74) N-amyl acetate	12.015	43	152055	19.22	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.447	83	129069	20.70	ug/l	98
76) 1,2,3-Trichloropropane	12.495	75	119018m	22.11	ug/l	
77) Bromobenzene	12.466	156	94776	21.96	ug/l	97
78) n-propylbenzene	12.533	91	418256	21.03	ug/l	98
79) 2-Chlorotoluene	12.616	91	263176	21.11	ug/l	99
80) 1,3,5-Trimethylbenzene	12.675	105	306743	21.34	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.243	75	41131	20.12	ug/l	95
82) 4-Chlorotoluene	12.715	91	254483	20.69	ug/l	97
83) tert-Butylbenzene	12.935	119	246348	20.33	ug/l	97
84) 1,2,4-Trimethylbenzene	12.983	105	287091	20.16	ug/l	97
85) sec-Butylbenzene	13.115	105	334173	20.66	ug/l	99
86) p-Isopropyltoluene	13.230	119	287606	20.16	ug/l	98
87) 1,3-Dichlorobenzene	13.225	146	150493	20.14	ug/l	98
88) 1,4-Dichlorobenzene	13.305	146	145362	18.96	ug/l	98
89) n-Butylbenzene	13.557	91	241344	18.97	ug/l	99
90) Hexachloroethane	13.815	117	43382	18.94	ug/l	97
91) 1,2-Dichlorobenzene	13.595	146	145721	19.81	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.212	75	24364	18.92	ug/l	97
93) 1,2,4-Trichlorobenzene	14.847	180	78502	18.01	ug/l	97
94) Hexachlorobutadiene	14.946	225	47678	18.83	ug/l	99
95) Naphthalene	15.070	128	240916	18.42	ug/l	99
96) 1,2,3-Trichlorobenzene	15.247	180	82997	18.36	ug/l	99

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

