

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031521\
 Data File : VN066200.D
 Acq On : 15 Mar 2021 15:54
 Operator : JC/MD
 Sample : VN0315MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315MBS01

Manual Integrations
 APPROVED

MMDadoda
 3/16/2021 4:37:34 PM

Quant Time: Mar 16 02:09:10 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	378952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	597484	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	551121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.284	152	235730	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	296544	48.50	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.00%		
35) Dibromofluoromethane	7.504	113	202646	50.27	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.54%		
50) Toluene-d8	10.025	98	793438	48.60	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.20%		
62) 4-Bromofluorobenzene	12.342	95	268664	44.73	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.46%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.818	85	77907	19.14	ug/l	99
3) Chloromethane	2.017	50	124469	19.18	ug/l	97
4) Vinyl Chloride	2.148	62	111141	19.86	ug/l	95
5) Bromomethane	2.524	94	61721	18.95	ug/l	99
6) Chloroethane	2.658	64	61580	18.97	ug/l	96
7) Trichlorofluoromethane	2.963	101	132583	20.22	ug/l	99
8) Diethyl Ether	3.344	74	50313	19.38	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.677	101	66231	19.62	ug/l	95
10) Methyl Iodide	3.870	142	88354	19.77	ug/l	98
11) Tert butyl alcohol	4.709	59	88017	93.83	ug/l #	73
12) 1,1-Dichloroethene	3.658	96	65252	18.55	ug/l	95
13) Acrolein	3.532	56	85308	75.42	ug/l	99
14) Allyl chloride	4.229	41	189140	20.01	ug/l	97
15) Acrylonitrile	4.884	53	276870	99.98	ug/l	99
16) Acetone	3.741	43	309257	115.14	ug/l	98
17) Carbon Disulfide	3.964	76	192665	18.15	ug/l	99
18) Methyl Acetate	4.237	43	156535	20.76	ug/l	99
19) Methyl tert-butyl Ether	4.940	73	273690	19.86	ug/l	100
20) Methylene Chloride	4.455	84	86857	19.16	ug/l	90
21) trans-1,2-Dichloroethene	4.929	96	77931	19.52	ug/l	96
22) Diisopropyl ether	5.855	45	368101	19.91	ug/l	96
23) Vinyl Acetate	5.793	43	1514648	98.70	ug/l	99
24) 1,1-Dichloroethane	5.745	63	179674	19.91	ug/l	99
25) 2-Butanone	6.742	43	437786	94.95	ug/l	98
26) 2,2-Dichloropropane	6.723	77	149782	18.98	ug/l	99
27) cis-1,2-Dichloroethene	6.732	96	92335	18.97	ug/l	98
28) Bromochloromethane	7.104	49	88941	17.56	ug/l	97
29) Tetrahydrofuran	7.123	42	277859	90.58	ug/l	99
30) Chloroform	7.284	83	161870	18.74	ug/l	97
31) Cyclohexane	7.568	56	162147	18.07	ug/l	97
32) 1,1,1-Trichloroethane	7.480	97	136243	18.50	ug/l	98
36) 1,1-Dichloropropene	7.708	75	120206	19.04	ug/l	100
37) Ethyl Acetate	6.839	43	172188	19.55	ug/l	99
38) Carbon Tetrachloride	7.689	117	108641	18.45	ug/l	95
39) Methylcyclohexane	9.011	83	133299	18.21	ug/l	95
40) Benzene	7.960	78	368518	19.29	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.080	41	82880	17.68	ug/l	97
42) 1,2-Dichloroethane	8.048	62	141395	19.26	ug/l	100
43) Isopropyl Acetate	8.089	43	277983	18.72	ug/l	99
44) Trichloroethene	8.764	130	89834	19.29	ug/l	100
45) 1,2-Dichloropropane	9.049	63	110787	18.78	ug/l	98
46) Dibromomethane	9.140	93	59970	18.39	ug/l	97
47) Bromodichloromethane	9.336	83	129976	18.42	ug/l	99
48) Methyl methacrylate	9.132	41	128707	18.36	ug/l	98
49) 1,4-Dioxane	9.140	88	23118	308.25	ug/l	96
51) 4-Methyl-2-Pentanone	9.920	43	865204	96.28	ug/l	99
52) Toluene	10.089	92	219205	19.06	ug/l	100
53) t-1,3-Dichloropropene	10.320	75	144242	18.07	ug/l	99
54) cis-1,3-Dichloropropene	9.773	75	159203	18.40	ug/l	99
55) 1,1,2-Trichloroethane	10.500	97	87178	18.47	ug/l	96
56) Ethyl methacrylate	10.368	69	133732	17.23	ug/l	97
57) 1,3-Dichloropropane	10.645	76	156516	18.24	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.628	63	159049	74.22	ug/l	99
59) 2-Hexanone	10.690	43	612590	81.77	ug/l	100
60) Dibromochloromethane	10.840	129	90050	18.40	ug/l	98
61) 1,2-Dibromoethane	10.942	107	88408	18.54	ug/l	96
64) Tetrachloroethene	10.569	164	98527	20.63	ug/l	95
65) Chlorobenzene	11.371	112	220519	19.52	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.449	131	82808	18.96	ug/l	97
67) Ethyl Benzene	11.452	91	400781	19.54	ug/l	98
68) m/p-Xylenes	11.562	106	294924	38.78	ug/l	99
69) o-Xylene	11.889	106	138257	18.72	ug/l	99
70) Styrene	11.905	104	224343	18.15	ug/l	99
71) Bromoform	12.069	173	62939	18.62	ug/l #	98
73) Isopropylbenzene	12.192	105	374576	21.06	ug/l	99
74) N-amyl acetate	12.015	43	147892	18.39	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.444	83	131798	20.48	ug/l	100
76) 1,2,3-Trichloropropane	12.495	75	119518m	21.51	ug/l	
77) Bromobenzene	12.466	156	93474	20.98	ug/l	96
78) n-propylbenzene	12.533	91	428662	20.89	ug/l	100
79) 2-Chlorotoluene	12.616	91	261049	20.29	ug/l	99
80) 1,3,5-Trimethylbenzene	12.675	105	308856	20.82	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.240	75	36565	17.33	ug/l	99
82) 4-Chlorotoluene	12.715	91	262229	20.66	ug/l	100
83) tert-Butylbenzene	12.935	119	257234	20.57	ug/l	98
84) 1,2,4-Trimethylbenzene	12.981	105	308789	21.01	ug/l	99
85) sec-Butylbenzene	13.112	105	347065	20.79	ug/l	100
86) p-Isopropyltoluene	13.230	119	299601	20.35	ug/l	99
87) 1,3-Dichlorobenzene	13.225	146	149821	19.43	ug/l	99
88) 1,4-Dichlorobenzene	13.305	146	153097	19.35	ug/l	97
89) n-Butylbenzene	13.557	91	250085	19.05	ug/l	100
90) Hexachloroethane	13.812	117	45386	19.20	ug/l	99
91) 1,2-Dichlorobenzene	13.595	146	149854	19.74	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.212	75	23176	17.44	ug/l	94
93) 1,2,4-Trichlorobenzene	14.850	180	87677	19.26	ug/l	100
94) Hexachlorobutadiene	14.946	225	49522	18.95	ug/l	98
95) Naphthalene	15.067	128	255344	18.86	ug/l	100
96) 1,2,3-Trichlorobenzene	15.244	180	89089	19.02	ug/l	97

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

