

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
 Data File : VN070233.D
 Acq On : 20 Dec 2021 12:00
 Operator : JC/MD
 Sample : VN1220MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/21/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 20 15:09:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1006878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1625457	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1468972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	609169	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	718129	46.19	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.38%		
35) Dibromofluoromethane	8.021	113	502723	49.38	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.76%		
50) Toluene-d8	10.440	98	1944866	47.57	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.14%		
62) 4-Bromofluorobenzene	12.728	95	698792	47.18	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.36%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	192084	16.36	ug/l	100
3) Chloromethane	2.306	50	247663	16.83	ug/l	98
4) Vinyl Chloride	2.448	62	232705	17.20	ug/l	98
5) Bromomethane	2.869	94	136875	18.62	ug/l	99
6) Chloroethane	3.027	64	144809	17.47	ug/l	94
7) Trichlorofluoromethane	3.382	101	314096	17.69	ug/l	97
8) Diethyl Ether	3.824	74	139685	20.43	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.213	101	201864	20.28	ug/l	96
10) Methyl Iodide	4.419	142	245190	18.03	ug/l #	95
11) Tert butyl alcohol	5.374	59	213868	72.78	ug/l	99
12) 1,1-Dichloroethene	4.183	96	179344	18.70	ug/l	85
13) Acrolein	4.044	56	236194	94.38	ug/l	100
14) Allyl chloride	4.843	41	416481	19.27	ug/l	91
15) Acrylonitrile	5.557	53	709342	89.58	ug/l	99
16) Acetone	4.288	43	831634	88.93	ug/l	97
17) Carbon Disulfide	4.529	76	392700	15.85	ug/l	99
18) Methyl Acetate	4.857	43	497175	17.61	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	755753	20.27	ug/l	96
20) Methylene Chloride	5.098	84	232507	18.70	ug/l #	86
21) trans-1,2-Dichloroethene	5.602	96	190372	18.27	ug/l	85
22) Diisopropyl ether	6.495	45	897082	21.24	ug/l #	94
23) Vinyl Acetate	6.434	43	3398696	98.90	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	443122	20.25	ug/l	97
25) 2-Butanone	7.335	43	1088276	85.65	ug/l	90
26) 2,2-Dichloropropane	7.327	77	346553	20.37	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	244042	19.39	ug/l	85
28) Bromochloromethane	7.657	49	192181	16.89	ug/l #	78
29) Tetrahydrofuran	7.683	42	664833	86.17	ug/l	88
30) Chloroform	7.817	83	441384	19.97	ug/l	98
31) Cyclohexane	8.094	56	410016	18.95	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	364768	19.38	ug/l	96
36) 1,1-Dichloropropene	8.222	75	307258	19.86	ug/l	96
37) Ethyl Acetate	7.413	43	414485	18.00	ug/l #	94
38) Carbon Tetrachloride	8.206	117	295738	19.49	ug/l	100
39) Methylcyclohexane	9.459	83	357081	19.40	ug/l	89
40) Benzene	8.458	78	947049	20.02	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	210207	19.44	ug/l	89
42) 1,2-Dichloroethane	8.528	62	370565	19.41	ug/l	97
43) Isopropyl Acetate	8.560	43	655053	19.22	ug/l #	94
44) Trichloroethene	9.215	130	224530	19.89	ug/l	91
45) 1,2-Dichloropropane	9.488	63	265839	20.93	ug/l	99
46) Dibromomethane	9.577	93	161817	19.43	ug/l	93
47) Bromodichloromethane	9.762	83	327208	20.75	ug/l	99
48) Methyl methacrylate	9.558	41	297753	18.72	ug/l	87
49) 1,4-Dioxane	9.569	88	84199	295.03	ug/l #	84
51) 4-Methyl-2-Pentanone	10.331	43	2093066	94.67	ug/l	95
52) Toluene	10.502	92	585864	20.29	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	339092	19.67	ug/l	96
54) cis-1,3-Dichloropropene	10.188	75	376405	20.15	ug/l	92
55) 1,1,2-Trichloroethane	10.896	97	238022	20.43	ug/l	98
56) Ethyl methacrylate	10.760	69	377762	18.68	ug/l #	89
57) 1,3-Dichloropropane	11.044	76	421558	20.55	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	400850	80.94	ug/l	90
59) 2-Hexanone	11.084	43	1465554	87.62	ug/l	94
60) Dibromochloromethane	11.237	129	223218	19.41	ug/l	100
61) 1,2-Dibromoethane	11.344	107	234126	19.40	ug/l	98
64) Tetrachloroethene	10.977	164	203962	20.48	ug/l	96
65) Chlorobenzene	11.768	112	611696	20.53	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	221449	21.11	ug/l	99
67) Ethyl Benzene	11.843	91	1132811	20.93	ug/l	96
68) m/p-Xylenes	11.950	106	826031	41.91	ug/l	92
69) o-Xylene	12.280	106	408682	20.58	ug/l	91
70) Styrene	12.294	104	654643	20.79	ug/l	96
71) Bromoform	12.457	173	154704	19.03	ug/l #	100
73) Isopropylbenzene	12.578	105	1087877	20.07	ug/l	98
74) N-amyl acetate	12.388	43	417978	17.44	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	361234	19.27	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	323002m	18.49	ug/l	
77) Bromobenzene	12.860	156	245781	19.31	ug/l	78
78) n-propylbenzene	12.919	91	1216472	20.17	ug/l	96
79) 2-Chlorotoluene	13.007	91	765833	20.10	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	877886	20.12	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	83977	18.52	ug/l	90
82) 4-Chlorotoluene	13.104	91	721816	20.14	ug/l	92
83) tert-Butylbenzene	13.321	119	770522	19.95	ug/l	93
84) 1,2,4-Trimethylbenzene	13.367	105	864327	20.80	ug/l	97
85) sec-Butylbenzene	13.501	105	1059559	20.22	ug/l	97
86) p-Isopropyltoluene	13.616	119	834249	20.37	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	418995	20.03	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	398269	19.38	ug/l	96
89) n-Butylbenzene	13.943	91	651108	19.60	ug/l	97
90) Hexachloroethane	14.209	117	137809	19.17	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	404491	19.85	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	58056	17.14	ug/l	77
93) 1,2,4-Trichlorobenzene	15.263	180	173438	19.23	ug/l	97
94) Hexachlorobutadiene	15.367	225	116469	21.57	ug/l	99
95) Naphthalene	15.507	128	408948	16.63	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	166037	18.65	ug/l	99

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

