

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121521\
 Data File : VN070107.D
 Acq On : 15 Dec 2021 13:00
 Operator : JC/MD
 Sample : VN1215MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/16/2021
 Supervised By : Amit Patel 12/16/2021

Quant Time: Dec 16 05:37:53 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	977691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1583284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1423460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	601168	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	682664	45.223	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.440%
35) Dibromofluoromethane	8.021	113	463950	46.782	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.560%
50) Toluene-d8	10.440	98	1818471	45.666	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	91.340%
62) 4-Bromofluorobenzene	12.731	95	651491	45.159	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	183990	16.135	ug/l	99
3) Chloromethane	2.303	50	230181	16.112	ug/l	98
4) Vinyl Chloride	2.448	62	209552	15.952	ug/l	99
5) Bromomethane	2.861	94	124395	17.430	ug/l	100
6) Chloroethane	3.022	64	129271	16.059	ug/l	94
7) Trichlorofluoromethane	3.379	101	275086	15.956	ug/l	100
8) Diethyl Ether	3.824	74	119229	17.956	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.210	101	176117	18.223	ug/l	96
10) Methyl Iodide	4.419	142	209822	15.892	ug/l	99
11) Tert butyl alcohol	5.377	59	198848	69.687	ug/l	98
12) 1,1-Dichloroethene	4.181	96	155217	16.667	ug/l #	82
13) Acrolein	4.041	56	186216	76.634	ug/l	98
14) Allyl chloride	4.840	41	357504	17.036	ug/l #	92
15) Acrylonitrile	5.557	53	619135	80.523	ug/l	99
16) Acetone	4.288	43	743193	81.843	ug/l	96
17) Carbon Disulfide	4.529	76	343705	14.285	ug/l	97
18) Methyl Acetate	4.857	43	439585	16.038	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	636696	17.583	ug/l	95
20) Methylene Chloride	5.093	84	200410	16.602	ug/l #	84
21) trans-1,2-Dichloroethene	5.597	96	166017	16.413	ug/l	85
22) Diisopropyl ether	6.498	45	775724	18.912	ug/l	95
23) Vinyl Acetate	6.434	43	2932593	87.882	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	381893	17.974	ug/l	97
25) 2-Butanone	7.337	43	972805	78.846	ug/l	91
26) 2,2-Dichloropropane	7.324	77	282573	17.105	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	207072	16.944	ug/l	83
28) Bromochloromethane	7.657	49	191192	17.304	ug/l #	75
29) Tetrahydrofuran	7.686	42	599986	80.084	ug/l #	86
30) Chloroform	7.817	83	378480	17.638	ug/l	100
31) Cyclohexane	8.094	56	365290	17.388	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	309327	16.923	ug/l	96
36) 1,1-Dichloropropene	8.220	75	271181	17.992	ug/l	96
37) Ethyl Acetate	7.412	43	360134	16.054	ug/l	95
38) Carbon Tetrachloride	8.206	117	243382	16.467	ug/l	97
39) Methylcyclohexane	9.459	83	312484	17.430	ug/l #	86
40) Benzene	8.458	78	828294	17.979	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	189521	17.997	ug/l #	86
42) 1,2-Dichloroethane	8.531	62	332958	17.903	ug/l	97
43) Isopropyl Acetate	8.560	43	570119	17.173	ug/l #	93
44) Trichloroethene	9.217	130	193029	17.554	ug/l	90
45) 1,2-Dichloropropane	9.488	63	228560	18.475	ug/l	98
46) Dibromomethane	9.577	93	141710	17.466	ug/l	93
47) Bromodichloromethane	9.762	83	273974	17.834	ug/l	100
48) Methyl methacrylate	9.561	41	259661	16.760	ug/l	84
49) 1,4-Dioxane	9.569	88	85288	306.809	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	1842882	85.571	ug/l	94
52) Toluene	10.505	92	500360	17.789	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	279244	17.061	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	314765	17.580	ug/l	90
55) 1,1,2-Trichloroethane	10.896	97	200290	17.649	ug/l	97
56) Ethyl methacrylate	10.762	69	323604	16.703	ug/l #	88
57) 1,3-Dichloropropane	11.044	76	358676	17.950	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	373966	78.304	ug/l	90
59) 2-Hexanone	11.084	43	1296843	79.603	ug/l	92
60) Dibromochloromethane	11.237	129	182280	16.655	ug/l	99
61) 1,2-Dibromoethane	11.347	107	196836	16.746	ug/l	99
64) Tetrachloroethene	10.977	164	174323	18.061	ug/l	96
65) Chlorobenzene	11.768	112	516843	17.898	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	178601	17.572	ug/l	99
67) Ethyl Benzene	11.843	91	966476	18.425	ug/l	97
68) m/p-Xylenes	11.953	106	708585	37.099	ug/l	93
69) o-Xylene	12.280	106	350342	18.210	ug/l	91
70) Styrene	12.294	104	550676	18.051	ug/l	94
71) Bromoform	12.457	173	121498	15.944	ug/l #	99
73) Isopropylbenzene	12.578	105	919413	17.189	ug/l	98
74) N-amyl acetate	12.387	43	361434	15.280	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	311443	16.838	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	279467m	16.210	ug/l	
77) Bromobenzene	12.860	156	208781	16.618	ug/l	77
78) n-propylbenzene	12.919	91	1047307	17.596	ug/l	96
79) 2-Chlorotoluene	13.007	91	658555	17.511	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	748529	17.387	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	67046	15.755	ug/l #	84
82) 4-Chlorotoluene	13.104	91	623988	17.643	ug/l	91
83) tert-Butylbenzene	13.321	119	659035	17.288	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	733895	17.900	ug/l	97
85) sec-Butylbenzene	13.501	105	903056	17.465	ug/l	97
86) p-Isopropyltoluene	13.616	119	709902	17.564	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	357723	17.332	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	342079	16.865	ug/l	95
89) n-Butylbenzene	13.940	91	546898	16.681	ug/l	97
90) Hexachloroethane	14.209	117	106914	15.067	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	350055	17.407	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	47949	14.346	ug/l	75
93) 1,2,4-Trichlorobenzene	15.263	180	143842	16.622	ug/l	97
94) Hexachlorobutadiene	15.370	225	100648	18.885	ug/l	99
95) Naphthalene	15.504	128	339400	14.617	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	136997	15.993	ug/l	94

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

