

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111221\
 Data File : VN069466.D
 Acq On : 12 Nov 2021 14:23
 Operator : JC/MD
 Sample : VN1112MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 15 03:25:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	925494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1553400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1436904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	603343	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	730198	54.415	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.820%	
35) Dibromofluoromethane	8.024	113	497121	53.358	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.720%	
50) Toluene-d8	10.443	98	1945066	53.083	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.160%	
62) 4-Bromofluorobenzene	12.733	95	672726	49.976	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.960%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.075	85	203837	20.616	ug/l	100
3) Chloromethane	2.306	50	219468	19.139	ug/l	100
4) Vinyl Chloride	2.448	62	219566	19.123	ug/l	99
5) Bromomethane	2.861	94	149437	20.041	ug/l	97
6) Chloroethane	3.022	64	149869	19.338	ug/l	99
7) Trichlorofluoromethane	3.376	101	347740	19.597	ug/l	98
8) Diethyl Ether	3.827	74	118130	20.576	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.207	101	169647	20.296	ug/l	93
10) Methyl Iodide	4.419	142	196284	19.145	ug/l	97
11) Tert butyl alcohol	5.387	59	218364	90.305	ug/l	99
12) 1,1-Dichloroethene	4.181	96	146114	19.479	ug/l	91
13) Acrolein	4.044	56	29151	80.654	ug/l	93
14) Allyl chloride	4.843	41	318144	19.183	ug/l	97
15) Acrylonitrile	5.562	53	661813	106.877	ug/l	99
16) Acetone	4.291	43	686077	94.759	ug/l	96
17) Carbon Disulfide	4.527	76	291216	16.424	ug/l	98
18) Methyl Acetate	4.859	43	482775	20.513	ug/l	93
19) Methyl tert-butyl Ether	5.623	73	673406	21.213	ug/l	97
20) Methylene Chloride	5.092	84	204150	19.884	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	164008	19.576	ug/l	90
22) Diisopropyl ether	6.500	45	767415	21.482	ug/l	95
23) Vinyl Acetate	6.439	43	2913136	105.432	ug/l	95
24) 1,1-Dichloroethane	6.388	63	374638	20.589	ug/l	99
25) 2-Butanone	7.340	43	992589	101.245	ug/l	93
26) 2,2-Dichloropropane	7.327	77	270268	18.984	ug/l	98
27) cis-1,2-Dichloroethene	7.329	96	216807	20.875	ug/l	91
28) Bromochloromethane	7.659	49	197007	21.142	ug/l #	80
29) Tetrahydrofuran	7.689	42	641753	106.668	ug/l	89
30) Chloroform	7.820	83	395691	21.212	ug/l	97
31) Cyclohexane	8.096	56	353026	19.256	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	313239	20.117	ug/l	97
36) 1,1-Dichloropropene	8.222	75	264635	20.246	ug/l	97
37) Ethyl Acetate	7.415	43	383843	21.724	ug/l	96
38) Carbon Tetrachloride	8.206	117	251251	19.910	ug/l	99
39) Methylcyclohexane	9.461	83	315133	19.381	ug/l	91
40) Benzene	8.461	78	854311	21.175	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	190648	20.882	ug/l	90
42) 1,2-Dichloroethane	8.531	62	346966	21.963	ug/l	98
43) Isopropyl Acetate	8.563	43	599072	21.109	ug/l	94
44) Trichloroethene	9.220	130	199553	20.667	ug/l	91
45) 1,2-Dichloropropane	9.494	63	233034	21.619	ug/l	98
46) Dibromomethane	9.579	93	154466	21.394	ug/l	91
47) Bromodichloromethane	9.764	83	278042	20.637	ug/l	100
48) Methyl methacrylate	9.563	41	267706	20.049	ug/l	93
49) 1,4-Dioxane	9.571	88	95406	385.527	ug/l #	86
51) 4-Methyl-2-Pentanone	10.333	43	2002134	109.295	ug/l	94
52) Toluene	10.507	92	526710	20.956	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	279040	18.594	ug/l	96
54) cis-1,3-Dichloropropene	10.191	75	312693	19.025	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	226190	22.325	ug/l	99
56) Ethyl methacrylate	10.762	69	356010	19.933	ug/l	87
57) 1,3-Dichloropropane	11.046	76	380702	21.383	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	373674	91.949	ug/l	93
59) 2-Hexanone	11.089	43	1410249	96.222	ug/l	93
60) Dibromochloromethane	11.240	129	191763	18.828	ug/l	100
61) 1,2-Dibromoethane	11.347	107	220837	20.180	ug/l	99
64) Tetrachloroethene	10.979	164	184779	21.297	ug/l	96
65) Chlorobenzene	11.773	112	567235	21.208	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	200267	21.588	ug/l	98
67) Ethyl Benzene	11.846	91	1032556	20.933	ug/l	96
68) m/p-Xylenes	11.956	106	761620	41.981	ug/l	94
69) o-Xylene	12.283	106	380457	21.035	ug/l	95
70) Styrene	12.296	104	614085	19.856	ug/l	97
71) Bromoform	12.460	173	125551	17.946	ug/l #	98
73) Isopropylbenzene	12.580	105	979399	20.388	ug/l	99
74) N-amyl acetate	12.390	43	418224	20.543	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	352178	21.737	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	287929m	20.679	ug/l	
77) Bromobenzene	12.862	156	233756	21.277	ug/l	83
78) n-propylbenzene	12.924	91	1108497	20.507	ug/l	96
79) 2-Chlorotoluene	13.010	91	688650	20.576	ug/l	95
80) 1,3,5-Trimethylbenzene	13.061	105	811272	20.890	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.629	75	67552	18.557	ug/l #	79
82) 4-Chlorotoluene	13.109	91	662321	20.759	ug/l	93
83) tert-Butylbenzene	13.326	119	703792	20.680	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	785710	20.957	ug/l	97
85) sec-Butylbenzene	13.503	105	965483	20.309	ug/l	98
86) p-Isopropyltoluene	13.618	119	761410	20.176	ug/l	97
87) 1,3-Dichlorobenzene	13.618	146	397250	20.855	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	386613	20.690	ug/l	96
89) n-Butylbenzene	13.946	91	610724	19.406	ug/l	98
90) Hexachloroethane	14.214	117	113552	17.824	ug/l	86
91) 1,2-Dichlorobenzene	13.991	146	390311	21.534	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	54684	19.298	ug/l	81
93) 1,2,4-Trichlorobenzene	15.265	180	167155	19.618	ug/l	98
94) Hexachlorobutadiene	15.372	225	97363	20.674	ug/l	100
95) Naphthalene	15.509	128	475824	20.635	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	170618	20.766	ug/l	97

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

