

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN113021\
 Data File : VN069681.D
 Acq On : 30 Nov 2021 12:39
 Operator : JC/MD
 Sample : VN1130MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/01/2021
 Supervised By : Mahesh Dadoda 12/01/2021

Quant Time: Dec 01 01:48:22 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	8.086	168	1032508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1661066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1523855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	636623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	773239	51.650	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.300%			
35) Dibromofluoromethane	8.021	113	534929	53.695	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.380%			
50) Toluene-d8	10.440	98	1991126	50.818	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.640%			
62) 4-Bromofluorobenzene	12.731	95	722137	50.170	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	181207	16.427	ug/l	99
3) Chloromethane	2.306	50	207112	16.190	ug/l	99
4) Vinyl Chloride	2.451	62	205122	16.014	ug/l	99
5) Bromomethane	2.866	94	127840	15.367	ug/l	97
6) Chloroethane	3.027	64	132967	15.379	ug/l	98
7) Trichlorofluoromethane	3.381	101	309831	15.651	ug/l	94
8) Diethyl Ether	3.827	74	128666	20.088	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.210	101	185278	19.868	ug/l	95
10) Methyl Iodide	4.422	142	220679	19.294	ug/l	97
11) Tert butyl alcohol	5.371	59	209386	77.617	ug/l	99
12) 1,1-Dichloroethene	4.183	96	153594	18.354	ug/l	89
13) Acrolein	4.049	56	27727	67.762	ug/l	97
14) Allyl chloride	4.840	41	358962	19.401	ug/l	94
15) Acrylonitrile	5.554	53	682121	98.739	ug/l	99
16) Acetone	4.288	43	768257	95.112	ug/l	97
17) Carbon Disulfide	4.532	76	277850	14.046	ug/l	98
18) Methyl Acetate	4.856	43	503755	19.186	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	743448	20.992	ug/l	95
20) Methylene Chloride	5.095	84	217372	18.978	ug/l	88
21) trans-1,2-Dichloroethene	5.599	96	174166	18.633	ug/l	90
22) Diisopropyl ether	6.495	45	853922	21.426	ug/l	95
23) Vinyl Acetate	6.433	43	3183778	103.284	ug/l	95
24) 1,1-Dichloroethane	6.388	63	412433	20.317	ug/l	98
25) 2-Butanone	7.335	43	1024845	93.701	ug/l	90
26) 2,2-Dichloropropane	7.327	77	316339	19.917	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	232326	20.051	ug/l	87
28) Bromochloromethane	7.656	49	240603	23.144	ug/l #	80
29) Tetrahydrofuran	7.686	42	631538	94.090	ug/l	90
30) Chloroform	7.817	83	433284	20.820	ug/l	96
31) Cyclohexane	8.094	56	348067	17.018	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	346058	19.921	ug/l	95
36) 1,1-Dichloropropene	8.222	75	280266	20.052	ug/l	96
37) Ethyl Acetate	7.412	43	410422	21.723	ug/l	94
38) Carbon Tetrachloride	8.206	117	281476	20.860	ug/l	98
39) Methylcyclohexane	9.459	83	316910	18.227	ug/l	92
40) Benzene	8.461	78	881984	20.444	ug/l	98

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41) Methacrylonitrile	7.638	41	187808	19.238	ug/l	95
42) 1,2-Dichloroethane	8.528	62	376980	22.316	ug/l	97
43) Isopropyl Acetate	8.560	43	639117	21.060	ug/l #	94
44) Trichloroethene	9.215	130	210327	20.371	ug/l	91
45) 1,2-Dichloropropane	9.488	63	256331	22.239	ug/l	99
46) Dibromomethane	9.577	93	166598	21.579	ug/l	92
47) Bromodichloromethane	9.762	83	322548	22.389	ug/l	98
48) Methyl methacrylate	9.558	41	282982	19.820	ug/l	93
49) 1,4-Dioxane	9.571	88	86177	331.727	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	2050654	104.687	ug/l	95
52) Toluene	10.505	92	553633	20.599	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	327211	20.136	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	358052	20.250	ug/l #	88
55) 1,1,2-Trichloroethane	10.896	97	244524	22.570	ug/l	99
56) Ethyl methacrylate	10.759	69	385681	20.167	ug/l	89
57) 1,3-Dichloropropane	11.044	76	415586	21.829	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	392990	90.809	ug/l	91
59) 2-Hexanone	11.084	43	1399320	89.860	ug/l	93
60) Dibromochloromethane	11.237	129	224139	20.355	ug/l	99
61) 1,2-Dibromoethane	11.344	107	233842	19.994	ug/l	100
64) Tetrachloroethene	10.977	164	197383	21.452	ug/l	95
65) Chlorobenzene	11.768	112	600124	21.158	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	227408	23.115	ug/l	98
67) Ethyl Benzene	11.843	91	1072763	20.507	ug/l	97
68) m/p-Xylenes	11.953	106	790976	41.111	ug/l	93
69) o-Xylene	12.280	106	396513	20.672	ug/l	92
70) Styrene	12.294	104	639851	19.535	ug/l	95
71) Bromoform	12.457	173	150882	19.879	ug/l #	99
73) Isopropylbenzene	12.578	105	1056446	20.842	ug/l	98
74) N-amyl acetate	12.387	43	409467	19.061	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	367994	21.525	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	318421m	21.673	ug/l	
77) Bromobenzene	12.859	156	245648	21.190	ug/l	79
78) n-propylbenzene	12.918	91	1171858	20.546	ug/l	97
79) 2-Chlorotoluene	13.007	91	743231	21.046	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	860710	21.004	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	77137	19.607	ug/l	85
82) 4-Chlorotoluene	13.104	91	706669	20.991	ug/l	93
83) tert-Butylbenzene	13.323	119	765750	21.325	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	829830	20.977	ug/l	99
85) sec-Butylbenzene	13.500	105	1032207	20.577	ug/l	98
86) p-Isopropyltoluene	13.616	119	825606	20.733	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	416239	20.710	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	398526	20.212	ug/l	96
89) n-Butylbenzene	13.943	91	630859	18.998	ug/l	98
90) Hexachloroethane	14.208	117	135268	19.844	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	414513	21.674	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	58437	19.522	ug/l	77
93) 1,2,4-Trichlorobenzene	15.262	180	168019	18.836	ug/l	99
94) Hexachlorobutadiene	15.367	225	112201	22.579	ug/l	97
95) Naphthalene	15.504	128	403135	17.446	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	163073	19.109	ug/l	99

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

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