

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111721\
 Data File : VN069527.D
 Acq On : 17 Nov 2021 13:06
 Operator : JC/MD
 Sample : VN1117MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 18 07:10:22 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	1028059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1696051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1544033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	648855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	775639	52.034	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.060%			
35) Dibromofluoromethane	8.021	113	540432	53.128	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.260%			
50) Toluene-d8	10.441	98	2036422	50.902	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.800%			
62) 4-Bromofluorobenzene	12.731	95	722695	49.173	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	203469	18.525	ug/l	99
3) Chloromethane	2.303	50	232944	18.288	ug/l	99
4) Vinyl Chloride	2.448	62	227855	17.866	ug/l	98
5) Bromomethane	2.859	94	143066	17.272	ug/l	99
6) Chloroethane	3.022	64	148624	17.264	ug/l	97
7) Trichlorofluoromethane	3.376	101	344357	17.470	ug/l	99
8) Diethyl Ether	3.827	74	128890	20.210	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.208	101	186132	20.046	ug/l	95
10) Methyl Iodide	4.417	142	224545	19.717	ug/l	97
11) Tert butyl alcohol	5.380	59	246234	91.671	ug/l	97
12) 1,1-Dichloroethene	4.178	96	160308	19.239	ug/l	94
13) Acrolein	4.044	56	42521	108.035	ug/l	95
14) Allyl chloride	4.838	41	357003	19.379	ug/l #	94
15) Acrylonitrile	5.554	53	702630	102.148	ug/l	99
16) Acetone	4.288	43	758386	94.296	ug/l	99
17) Carbon Disulfide	4.532	76	305973	15.535	ug/l	100
18) Methyl Acetate	4.857	43	517006	19.775	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	737650	20.918	ug/l	97
20) Methylene Chloride	5.093	84	220232	19.311	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	180619	19.407	ug/l	89
22) Diisopropyl ether	6.495	45	830972	20.940	ug/l #	96
23) Vinyl Acetate	6.436	43	3154842	102.788	ug/l	95
24) 1,1-Dichloroethane	6.388	63	409274	20.249	ug/l	98
25) 2-Butanone	7.337	43	1063144	97.623	ug/l	93
26) 2,2-Dichloropropane	7.324	77	300736	19.017	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	234989	20.368	ug/l	89
28) Bromochloromethane	7.657	49	214635	20.736	ug/l #	80
29) Tetrahydrofuran	7.686	42	665683	99.606	ug/l	90
30) Chloroform	7.818	83	431140	20.806	ug/l	97
31) Cyclohexane	8.094	56	368825	18.111	ug/l	93
32) 1,1,1-Trichloroethane	8.013	97	339553	19.631	ug/l	96
36) 1,1-Dichloropropene	8.223	75	282005	19.760	ug/l	97
37) Ethyl Acetate	7.413	43	405044	20.996	ug/l	96
38) Carbon Tetrachloride	8.206	117	271485	19.704	ug/l	99
39) Methylcyclohexane	9.459	83	332094	18.706	ug/l	91
40) Benzene	8.461	78	897386	20.372	ug/l	99

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41) Methacrylonitrile	7.638	41	197775	19.841	ug/l	91
42) 1,2-Dichloroethane	8.528	62	374109	21.690	ug/l	98
43) Isopropyl Acetate	8.560	43	642713	20.742	ug/l #	95
44) Trichloroethene	9.218	130	214427	20.339	ug/l	91
45) 1,2-Dichloropropane	9.491	63	250469	21.282	ug/l	99
46) Dibromomethane	9.577	93	165761	21.028	ug/l	92
47) Bromodichloromethane	9.759	83	305883	20.794	ug/l	99
48) Methyl methacrylate	9.558	41	288361	19.780	ug/l	93
49) 1,4-Dioxane	9.569	88	103662	383.846	ug/l #	87
51) 4-Methyl-2-Pentanone	10.331	43	2089103	104.450	ug/l	95
52) Toluene	10.505	92	556542	20.280	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	305220	18.623	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	342582	19.085	ug/l #	88
55) 1,1,2-Trichloroethane	10.896	97	235963	21.330	ug/l	97
56) Ethyl methacrylate	10.760	69	377216	19.404	ug/l	87
57) 1,3-Dichloropropane	11.044	76	414574	21.327	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	378521	86.953	ug/l	92
59) 2-Hexanone	11.084	43	1464883	91.929	ug/l	94
60) Dibromochloromethane	11.240	129	208150	18.732	ug/l	98
61) 1,2-Dibromoethane	11.344	107	238015	19.935	ug/l	96
64) Tetrachloroethene	10.977	164	197463	21.180	ug/l	94
65) Chlorobenzene	11.771	112	598912	20.839	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.841	131	214729	21.541	ug/l	98
67) Ethyl Benzene	11.843	91	1093491	20.630	ug/l	96
68) m/p-Xylenes	11.953	106	795779	40.820	ug/l	93
69) o-Xylene	12.280	106	399171	20.539	ug/l	93
70) Styrene	12.294	104	638621	19.265	ug/l	95
71) Bromoform	12.457	173	139922	18.485	ug/l #	100
73) Isopropylbenzene	12.578	105	1048318	20.292	ug/l	99
74) N-amyl acetate	12.388	43	436438	19.934	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	368978	21.176	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	352344m	23.530	ug/l	
77) Bromobenzene	12.860	156	247489	20.947	ug/l	81
78) n-propylbenzene	12.921	91	1194813	20.554	ug/l	96
79) 2-Chlorotoluene	13.007	91	738688	20.523	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	862922	20.661	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	74644	18.908	ug/l	85
82) 4-Chlorotoluene	13.106	91	703003	20.489	ug/l	94
83) tert-Butylbenzene	13.324	119	764585	20.891	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	836942	20.758	ug/l	99
85) sec-Butylbenzene	13.501	105	1044127	20.423	ug/l	97
86) p-Isopropyltoluene	13.616	119	826984	20.376	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	427849	20.886	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	412627	20.533	ug/l	96
89) n-Butylbenzene	13.943	91	649690	19.196	ug/l	98
90) Hexachloroethane	14.211	117	128842	18.686	ug/l	84
91) 1,2-Dichlorobenzene	13.989	146	416863	21.386	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	57537	18.920	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	177745	19.433	ug/l	96
94) Hexachlorobutadiene	15.370	225	108987	21.519	ug/l	99
95) Naphthalene	15.507	128	445280	18.534	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	168770	19.355	ug/l	98

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

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