

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111221\
 Data File : VN069465.D
 Acq On : 12 Nov 2021 13:48
 Operator : JC/MD
 Sample : VN1112MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 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 03:24:54 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	1006565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1734478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1597011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	673857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	792182	54.279	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.560%			
35) Dibromofluoromethane	8.021	113	552767	53.137	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.280%			
50) Toluene-d8	10.443	98	2188150	53.482	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.960%			
62) 4-Bromofluorobenzene	12.733	95	758331	50.454	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	211459	19.664	ug/l	99
3) Chloromethane	2.303	50	242260	19.425	ug/l	98
4) Vinyl Chloride	2.445	62	244278	19.562	ug/l	99
5) Bromomethane	2.861	94	158233	19.511	ug/l	98
6) Chloroethane	3.022	64	163575	19.407	ug/l	99
7) Trichlorofluoromethane	3.376	101	379694	19.674	ug/l	99
8) Diethyl Ether	3.824	74	122632	19.640	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.208	101	180014	19.801	ug/l	94
10) Methyl Iodide	4.419	142	200072	17.943	ug/l	95
11) Tert butyl alcohol	5.385	59	220926	84.006	ug/l	99
12) 1,1-Dichloroethene	4.178	96	158543	19.434	ug/l	89
13) Acrolein	4.041	56	25780	64.313	ug/l	97
14) Allyl chloride	4.840	41	336920	18.679	ug/l	96
15) Acrylonitrile	5.559	53	679776	100.936	ug/l	97
16) Acetone	4.291	43	754142	95.771	ug/l	94
17) Carbon Disulfide	4.527	76	305031	15.818	ug/l	98
18) Methyl Acetate	4.857	43	492488	19.240	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	701082	20.306	ug/l	98
20) Methylene Chloride	5.098	84	211409	18.933	ug/l	89
21) trans-1,2-Dichloroethene	5.597	96	177757	19.508	ug/l	87
22) Diisopropyl ether	6.501	45	804753	20.712	ug/l	97
23) Vinyl Acetate	6.436	43	3028068	100.765	ug/l	95
24) 1,1-Dichloroethane	6.385	63	400079	20.216	ug/l	97
25) 2-Butanone	7.340	43	1045158	98.021	ug/l	93
26) 2,2-Dichloropropane	7.327	77	296658	19.159	ug/l	96
27) cis-1,2-Dichloroethene	7.329	96	229074	20.280	ug/l	89
28) Bromochloromethane	7.659	49	204842	20.212	ug/l #	81
29) Tetrahydrofuran	7.689	42	667012	101.937	ug/l	90
30) Chloroform	7.820	83	419009	20.653	ug/l	100
31) Cyclohexane	8.094	56	376707	18.893	ug/l	94
32) 1,1,1-Trichloroethane	8.019	97	339636	20.056	ug/l	96
36) 1,1-Dichloropropene	8.222	75	283939	19.455	ug/l	97
37) Ethyl Acetate	7.418	43	395665	20.055	ug/l	95
38) Carbon Tetrachloride	8.209	117	269458	19.124	ug/l	99
39) Methylcyclohexane	9.461	83	335591	18.484	ug/l	91
40) Benzene	8.461	78	909405	20.187	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	200960	19.714	ug/l	91
42) 1,2-Dichloroethane	8.534	62	362500	20.551	ug/l	97
43) Isopropyl Acetate	8.563	43	639842	20.192	ug/l #	94
44) Trichloroethene	9.217	130	210780	19.550	ug/l	92
45) 1,2-Dichloropropane	9.494	63	244993	20.356	ug/l	96
46) Dibromomethane	9.579	93	161250	20.002	ug/l	90
47) Bromodichloromethane	9.765	83	291355	19.368	ug/l	98
48) Methyl methacrylate	9.563	41	282618	18.956	ug/l	94
49) 1,4-Dioxane	9.571	88	98457	359.279	ug/l #	87
51) 4-Methyl-2-Pentanone	10.333	43	2101792	102.757	ug/l	95
52) Toluene	10.507	92	568239	20.248	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	288867	17.431	ug/l	100
54) cis-1,3-Dichloropropene	10.194	75	325719	17.865	ug/l #	90
55) 1,1,2-Trichloroethane	10.899	97	234675	20.744	ug/l	99
56) Ethyl methacrylate	10.762	69	371342	18.756	ug/l	87
57) 1,3-Dichloropropane	11.047	76	401388	20.191	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	440330	95.779	ug/l	92
59) 2-Hexanone	11.087	43	1507149	92.438	ug/l	93
60) Dibromochloromethane	11.240	129	195302	17.386	ug/l	98
61) 1,2-Dibromoethane	11.347	107	230292	18.918	ug/l	100
64) Tetrachloroethene	10.979	164	191166	19.824	ug/l	94
65) Chlorobenzene	11.773	112	595349	20.028	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	211890	20.551	ug/l	98
67) Ethyl Benzene	11.846	91	1096037	19.992	ug/l	96
68) m/p-Xylenes	11.956	106	813114	40.326	ug/l	94
69) o-Xylene	12.283	106	406700	20.232	ug/l	94
70) Styrene	12.296	104	656626	19.160	ug/l	97
71) Bromoform	12.460	173	131348	17.093	ug/l #	100
73) Isopropylbenzene	12.581	105	1070347	19.949	ug/l	98
74) N-amyl acetate	12.390	43	442670	19.468	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	366285	20.242	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	304908m	19.607	ug/l	
77) Bromobenzene	12.862	156	245540	20.010	ug/l	82
78) n-propylbenzene	12.924	91	1197051	19.828	ug/l	96
79) 2-Chlorotoluene	13.010	91	740939	19.822	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	868849	20.031	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	74024	18.316	ug/l	84
82) 4-Chlorotoluene	13.106	91	701969	19.700	ug/l	94
83) tert-Butylbenzene	13.326	119	775388	20.400	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	842728	20.126	ug/l	99
85) sec-Butylbenzene	13.503	105	1057690	19.920	ug/l	98
86) p-Isopropyltoluene	13.616	119	828433	19.654	ug/l	96
87) 1,3-Dichlorobenzene	13.619	146	425317	19.992	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	407600	19.530	ug/l	96
89) n-Butylbenzene	13.946	91	670851	19.086	ug/l	97
90) Hexachloroethane	14.211	117	122473	17.286	ug/l	85
91) 1,2-Dichlorobenzene	13.989	146	418805	20.689	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	57252	18.203	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	176083	18.681	ug/l	99
94) Hexachlorobutadiene	15.373	225	110109	20.934	ug/l	98
95) Naphthalene	15.509	128	500504	19.693	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	173567	19.197	ug/l	96

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

