

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
 Data File : VN070004.D
 Acq On : 11 Dec 2021 13:19
 Operator : JC/MD
 Sample : VN1211MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 12 16:18:47 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	8.088	168	869071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1414495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1302255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	540901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	705917	52.608	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.220%			
35) Dibromofluoromethane	8.024	113	482623	54.472	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.940%			
50) Toluene-d8	10.443	98	1805788	50.758	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.520%			
62) 4-Bromofluorobenzene	12.733	95	634063	49.196	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.400%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	196491	19.385	ug/l	99
3) Chloromethane	2.303	50	245922	19.365	ug/l	100
4) Vinyl Chloride	2.448	62	221245	18.947	ug/l	98
5) Bromomethane	2.853	94	124130	19.567	ug/l	96
6) Chloroethane	3.019	64	132162	18.470	ug/l	97
7) Trichlorofluoromethane	3.376	101	297845	19.435	ug/l	100
8) Diethyl Ether	3.824	74	124670	21.122	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.207	101	185974	21.648	ug/l	94
10) Methyl Iodide	4.417	142	222926	18.995	ug/l	99
11) Tert butyl alcohol	5.382	59	257513	101.526	ug/l	98
12) 1,1-Dichloroethene	4.178	96	163928	19.802	ug/l	87
13) Acrolein	4.041	56	239772	111.006	ug/l	97
14) Allyl chloride	4.840	41	393012	21.069	ug/l #	92
15) Acrylonitrile	5.559	53	722433	105.700	ug/l	99
16) Acetone	4.291	43	845292	104.721	ug/l	97
17) Carbon Disulfide	4.527	76	449605	21.022	ug/l	99
18) Methyl Acetate	4.856	43	518888	21.297	ug/l #	90
19) Methyl tert-butyl Ether	5.621	73	669731	20.807	ug/l	96
20) Methylene Chloride	5.095	84	216424	20.169	ug/l #	84
21) trans-1,2-Dichloroethene	5.597	96	178567	19.860	ug/l	86
22) Diisopropyl ether	6.500	45	799365	21.924	ug/l #	94
23) Vinyl Acetate	6.436	43	3274947	110.407	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	400143	21.186	ug/l	98
25) 2-Butanone	7.340	43	1126519	102.717	ug/l	91
26) 2,2-Dichloropropane	7.327	77	308227	20.990	ug/l	95
27) cis-1,2-Dichloroethene	7.329	96	218515	20.115	ug/l	83
28) Bromochloromethane	7.659	49	189752	19.320	ug/l #	76
29) Tetrahydrofuran	7.689	42	702812	105.534	ug/l #	86
30) Chloroform	7.820	83	406794	21.327	ug/l	100
31) Cyclohexane	8.096	56	373766	20.015	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	339926	20.921	ug/l	95
36) 1,1-Dichloropropene	8.222	75	278056	20.649	ug/l	96
37) Ethyl Acetate	7.415	43	419751	20.944	ug/l	95
38) Carbon Tetrachloride	8.206	117	289945	21.958	ug/l	100
39) Methylcyclohexane	9.459	83	320277	19.996	ug/l	89
40) Benzene	8.461	78	858612	20.861	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	205472	21.840	ug/l	89
42) 1,2-Dichloroethane	8.531	62	355868	21.418	ug/l	97
43) Isopropyl Acetate	8.563	43	647702	21.839	ug/l #	92
44) Trichloroethene	9.217	130	201485	20.510	ug/l	90
45) 1,2-Dichloropropane	9.494	63	242920	21.978	ug/l	98
46) Dibromomethane	9.579	93	159549	22.011	ug/l	92
47) Bromodichloromethane	9.764	83	330849	24.107	ug/l	97
48) Methyl methacrylate	9.561	41	295002	21.314	ug/l	88
49) 1,4-Dioxane	9.571	88	103270	415.827	ug/l #	85
51) 4-Methyl-2-Pentanone	10.333	43	2133985	110.912	ug/l	94
52) Toluene	10.505	92	523072	20.816	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	330472	21.693	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	355124	21.675	ug/l #	90
55) 1,1,2-Trichloroethane	10.899	97	221650	21.862	ug/l	98
56) Ethyl methacrylate	10.762	69	353475	19.914	ug/l #	86
57) 1,3-Dichloropropane	11.046	76	382986	21.453	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	406621	91.309	ug/l	90
59) 2-Hexanone	11.087	43	1548563	106.396	ug/l	91
60) Dibromochloromethane	11.240	129	237497	23.200	ug/l	99
61) 1,2-Dibromoethane	11.347	107	220013	20.951	ug/l	100
64) Tetrachloroethene	10.979	164	167480	18.967	ug/l	95
65) Chlorobenzene	11.771	112	544162	20.597	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	211089	22.701	ug/l	99
67) Ethyl Benzene	11.846	91	1002457	20.889	ug/l	96
68) m/p-Xylenes	11.956	106	734768	42.051	ug/l	91
69) o-Xylene	12.283	106	361128	20.518	ug/l	91
70) Styrene	12.296	104	592813	21.241	ug/l	96
71) Bromoform	12.460	173	180098	24.139	ug/l #	100
73) Isopropylbenzene	12.581	105	944195	19.620	ug/l	97
74) N-amyl acetate	12.390	43	434098	20.397	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	357985	21.511	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	313148m	20.188	ug/l	
77) Bromobenzene	12.862	156	225191	19.921	ug/l	76
78) n-propylbenzene	12.921	91	1085375	20.267	ug/l	95
79) 2-Chlorotoluene	13.010	91	671935	19.857	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	772986	19.956	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	97766	23.013	ug/l	93
82) 4-Chlorotoluene	13.106	91	644657	20.258	ug/l	92
83) tert-Butylbenzene	13.326	119	665781	19.411	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	754807	20.461	ug/l	97
85) sec-Butylbenzene	13.503	105	925607	19.896	ug/l	97
86) p-Isopropyltoluene	13.616	119	728380	20.030	ug/l	96
87) 1,3-Dichlorobenzene	13.618	146	380901	20.511	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	365394	20.022	ug/l	96
89) n-Butylbenzene	13.943	91	576309	19.537	ug/l	97
90) Hexachloroethane	14.211	117	153396	24.026	ug/l	86
91) 1,2-Dichlorobenzene	13.989	146	375639	20.760	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	68280	22.706	ug/l	76
93) 1,2,4-Trichlorobenzene	15.265	180	162061	20.088	ug/l	98
94) Hexachlorobutadiene	15.370	225	101376	21.140	ug/l	99
95) Naphthalene	15.509	128	422522	18.695	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	161611	20.211	ug/l	98

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

