

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070092.D
 Acq On : 15 Dec 2021 00:46
 Operator : JC/MD
 Sample : VN1214MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2021
 Supervised By : Mahesh Dadoda 12/21/2021

Quant Time: Dec 15 05:27:19 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	8.086	168	971142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1629123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1479848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	603961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	800701	53.400	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.800%			
35) Dibromofluoromethane	8.021	113	538058	52.728	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.460%			
50) Toluene-d8	10.440	98	2094003	51.105	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.220%			
62) 4-Bromofluorobenzene	12.731	95	734882	49.507	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	206640	18.243	ug/l	99
3) Chloromethane	2.303	50	265474	18.708	ug/l	99
4) Vinyl Chloride	2.448	62	242896	18.615	ug/l	100
5) Bromomethane	2.856	94	141700	19.989	ug/l	100
6) Chloroethane	3.019	64	154985	19.383	ug/l	95
7) Trichlorofluoromethane	3.376	101	310315	18.120	ug/l	97
8) Diethyl Ether	3.824	74	135814	20.591	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.205	101	190347	19.829	ug/l	95
10) Methyl Iodide	4.422	142	254029	19.371	ug/l	99
11) Tert butyl alcohol	5.374	59	248789	87.777	ug/l	98
12) 1,1-Dichloroethene	4.181	96	179128	19.364	ug/l	89
13) Acrolein	4.038	56	181737	75.295	ug/l	98
14) Allyl chloride	4.840	41	404662	19.413	ug/l #	91
15) Acrylonitrile	5.556	53	755631	98.938	ug/l	99
16) Acetone	4.288	43	709967	78.712	ug/l	98
17) Carbon Disulfide	4.529	76	391739	16.392	ug/l	100
18) Methyl Acetate	4.856	43	531850	19.535	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	735149	20.439	ug/l	93
20) Methylene Chloride	5.092	84	236292	19.706	ug/l #	86
21) trans-1,2-Dichloroethene	5.599	96	192975	19.206	ug/l	84
22) Diisopropyl ether	6.498	45	889989	21.844	ug/l	94
23) Vinyl Acetate	6.433	43	3452788	104.168	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	444247	21.049	ug/l	99
25) 2-Butanone	7.337	43	1110142	90.584	ug/l	91
26) 2,2-Dichloropropane	7.327	77	276513	16.851	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	239547	19.733	ug/l	87
28) Bromochloromethane	7.656	49	243425	22.180	ug/l #	78
29) Tetrahydrofuran	7.686	42	737478	99.100	ug/l	87
30) Chloroform	7.817	83	441704	20.723	ug/l	98
31) Cyclohexane	8.094	56	416435	19.957	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	357533	19.692	ug/l	95
36) 1,1-Dichloropropene	8.220	75	300299	19.363	ug/l	96
37) Ethyl Acetate	7.412	43	435249	18.856	ug/l	95
38) Carbon Tetrachloride	8.206	117	278170	18.291	ug/l	99
39) Methylcyclohexane	9.459	83	341399	18.507	ug/l	88
40) Benzene	8.458	78	960146	20.254	ug/l	99

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41) Methacrylonitrile	7.635	41	229655	21.194	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	386485	20.197	ug/l	96
43) Isopropyl Acetate	8.560	43	678496	19.863	ug/l #	94
44) Trichloroethene	9.215	130	218131	19.279	ug/l	90
45) 1,2-Dichloropropane	9.491	63	268967	21.129	ug/l	97
46) Dibromomethane	9.577	93	163122	19.539	ug/l	93
47) Bromodichloromethane	9.762	83	316648	20.032	ug/l	99
48) Methyl methacrylate	9.558	41	310691	19.490	ug/l	88
49) 1,4-Dioxane	9.569	88	101573	355.111	ug/l #	81
51) 4-Methyl-2-Pentanone	10.330	43	2236560	100.929	ug/l	95
52) Toluene	10.505	92	579396	20.020	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	315780	18.473	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	348764	18.777	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	235745	20.189	ug/l	96
56) Ethyl methacrylate	10.759	69	384899	18.952	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	419610	20.408	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	401378	80.886	ug/l	89
59) 2-Hexanone	11.084	43	1571757	93.763	ug/l	93
60) Dibromochloromethane	11.237	129	209114	18.296	ug/l	99
61) 1,2-Dibromoethane	11.344	107	229954	19.013	ug/l	100
64) Tetrachloroethene	10.977	164	196972	19.630	ug/l	95
65) Chlorobenzene	11.771	112	603722	20.110	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	207506	19.638	ug/l	100
67) Ethyl Benzene	11.843	91	1113234	20.414	ug/l	96
68) m/p-Xylenes	11.953	106	801020	40.341	ug/l	92
69) o-Xylene	12.280	106	403631	20.181	ug/l	92
70) Styrene	12.294	104	637860	20.112	ug/l	95
71) Bromoform	12.457	173	144783	17.876	ug/l #	99
73) Isopropylbenzene	12.578	105	1043932	19.427	ug/l	97
74) N-amyl acetate	12.387	43	443964	18.682	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	376933	20.285	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	339934m	19.626	ug/l	
77) Bromobenzene	12.859	156	244102	19.340	ug/l	77
78) n-propylbenzene	12.918	91	1165142	19.485	ug/l	96
79) 2-Chlorotoluene	13.007	91	749325	19.832	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	851135	19.679	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	76958	17.422	ug/l #	84
82) 4-Chlorotoluene	13.104	91	699984	19.700	ug/l	92
83) tert-Butylbenzene	13.323	119	751792	19.630	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	821656	19.948	ug/l	97
85) sec-Butylbenzene	13.500	105	1013396	19.508	ug/l	97
86) p-Isopropyltoluene	13.616	119	790640	19.472	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	403265	19.448	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	392273	19.250	ug/l	96
89) n-Butylbenzene	13.943	91	609738	18.512	ug/l	98
90) Hexachloroethane	14.208	117	121485	17.041	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	401713	19.883	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	58962	17.560	ug/l	78
93) 1,2,4-Trichlorobenzene	15.262	180	174450	19.470	ug/l	97
94) Hexachlorobutadiene	15.367	225	107889	20.150	ug/l	98
95) Naphthalene	15.504	128	479955	18.950	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	176313	19.803	ug/l	99

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

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