

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012822\
 Data File : VN070842.D
 Acq On : 28 Jan 2022 20:50
 Operator : JC/MD
 Sample : VN0128MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2022
 Supervised By : Mahesh Dadoda 01/31/2022

Quant Time: Jan 28 23:19:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	672860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1154768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1082258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	481198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	460838	47.789	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.580%		
35) Dibromofluoromethane	8.024	113	323211	45.122	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.240%		
50) Toluene-d8	10.440	98	1324925	43.906	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	87.820%		
62) 4-Bromofluorobenzene	12.731	95	496852	46.206	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	120084	15.444	ug/l	100
3) Chloromethane	2.306	50	188573	16.592	ug/l	99
4) Vinyl Chloride	2.448	62	191853	17.749	ug/l	100
5) Bromomethane	2.872	94	123766	21.984	ug/l	99
6) Chloroethane	3.027	64	124236	18.417	ug/l	98
7) Trichlorofluoromethane	3.379	101	243647	19.731	ug/l	98
8) Diethyl Ether	3.827	74	88365	16.382	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.213	101	117495	15.743	ug/l	96
10) Methyl Iodide	4.422	142	125631	13.054	ug/l	100
11) Tert butyl alcohol	5.374	59	159665	91.775	ug/l	98
12) 1,1-Dichloroethene	4.183	96	117609	15.800	ug/l	90
13) Acrolein	4.044	56	237598	95.225	ug/l	100
14) Allyl chloride	4.843	41	263820	16.266	ug/l	85
15) Acrylonitrile	5.556	53	481548	87.008	ug/l	99
16) Acetone	4.291	43	414284	61.898	ug/l	98
17) Carbon Disulfide	4.529	76	302918	14.984	ug/l	99
18) Methyl Acetate	4.859	43	228258	17.341	ug/l	92
19) Methyl tert-butyl Ether	5.615	73	475380	17.877	ug/l	96
20) Methylene Chloride	5.098	84	146394	16.605	ug/l	90
21) trans-1,2-Dichloroethene	5.599	96	126253	16.852	ug/l	88
22) Diisopropyl ether	6.498	45	556517	17.312	ug/l	95
23) Vinyl Acetate	6.436	43	2334990	85.686	ug/l	95
24) 1,1-Dichloroethane	6.391	63	275716	17.146	ug/l	98
25) 2-Butanone	7.337	43	657569	78.076	ug/l	93
26) 2,2-Dichloropropane	7.327	77	202705	16.442	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	151893	17.067	ug/l	86
28) Bromochloromethane	7.656	49	107418	14.878	ug/l #	78
29) Tetrahydrofuran	7.686	42	453725	87.984	ug/l	90
30) Chloroform	7.817	83	270874	16.915	ug/l	100
31) Cyclohexane	8.094	56	270092	15.906	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	229789	18.410	ug/l	97
36) 1,1-Dichloropropene	8.220	75	200677	16.641	ug/l	96
37) Ethyl Acetate	7.415	43	268769	16.788	ug/l	97
38) Carbon Tetrachloride	8.206	117	189794	17.692	ug/l	99
39) Methylcyclohexane	9.459	83	227904	15.309	ug/l	89
40) Benzene	8.461	78	611793	16.373	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	134875	16.559	ug/l	89
42) 1,2-Dichloroethane	8.531	62	229628	17.724	ug/l	98
43) Isopropyl Acetate	8.560	43	439726	17.982	ug/l #	94
44) Trichloroethene	9.215	130	142902	16.870	ug/l	93
45) 1,2-Dichloropropane	9.488	63	164985	16.229	ug/l	99
46) Dibromomethane	9.577	93	103656	17.535	ug/l	94
47) Bromodichloromethane	9.762	83	210598	17.429	ug/l	99
48) Methyl methacrylate	9.561	41	185457	15.920	ug/l #	84
49) 1,4-Dioxane	9.569	88	59062	337.526	ug/l	86
51) 4-Methyl-2-Pentanone	10.330	43	1361406	87.251	ug/l	98
52) Toluene	10.505	92	382090	17.095	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	228143	17.225	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	247254	17.062	ug/l	100
55) 1,1,2-Trichloroethane	10.896	97	149038	16.974	ug/l	94
56) Ethyl methacrylate	10.759	69	251101	16.646	ug/l	91
57) 1,3-Dichloropropane	11.044	76	265940	17.109	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	313874	89.035	ug/l	91
59) 2-Hexanone	11.084	43	969077	85.493	ug/l	97
60) Dibromochloromethane	11.237	129	149227	18.220	ug/l	99
61) 1,2-Dibromoethane	11.344	107	151461	17.181	ug/l	98
64) Tetrachloroethene	10.977	164	122044	15.380	ug/l	95
65) Chlorobenzene	11.771	112	395793	16.879	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	140034	17.343	ug/l	99
67) Ethyl Benzene	11.843	91	736998	16.953	ug/l	95
68) m/p-Xylenes	11.953	106	538630	34.058	ug/l	89
69) o-Xylene	12.280	106	264298	16.840	ug/l	91
70) Styrene	12.294	104	435430	17.342	ug/l	96
71) Bromoform	12.457	173	108916	17.857	ug/l #	99
73) Isopropylbenzene	12.578	105	701924	15.419	ug/l	98
74) N-amyl acetate	12.387	43	277436	14.905	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.827	83	240382	15.635	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	213323m	16.715	ug/l	
77) Bromobenzene	12.859	156	161251	15.798	ug/l	76
78) n-propylbenzene	12.918	91	800450	15.722	ug/l	96
79) 2-Chlorotoluene	13.007	91	498732	15.486	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	577298	15.681	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.623	75	64935	15.158	ug/l	96
82) 4-Chlorotoluene	13.104	91	487472	16.200	ug/l	91
83) tert-Butylbenzene	13.323	119	489972	15.290	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	566951	16.022	ug/l	97
85) sec-Butylbenzene	13.500	105	685888	15.743	ug/l	97
86) p-Isopropyltoluene	13.616	119	549392	16.053	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	277000	16.314	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	266585	15.777	ug/l	95
89) n-Butylbenzene	13.943	91	440702	15.609	ug/l	96
90) Hexachloroethane	14.208	117	92807	15.513	ug/l	93
91) 1,2-Dichlorobenzene	13.989	146	265510	15.828	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	43718	16.763	ug/l	77
93) 1,2,4-Trichlorobenzene	15.262	180	126596	16.690	ug/l	99
94) Hexachlorobutadiene	15.370	225	77891	15.678	ug/l	99
95) Naphthalene	15.504	128	325641	16.708	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	121558	16.600	ug/l	98

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

