

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
 Data File : VN070673.D
 Acq On : 18 Jan 2022 18:34
 Operator : JC/MD
 Sample : VN0118MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0118MBS01

Quant Time: Jan 19 03:40:45 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	841926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1360511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1241316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	521926	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	574114	47.581	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.160%
35) Dibromofluoromethane	8.021	113	410171	48.603	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.200%
50) Toluene-d8	10.440	98	1712446	48.167	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.340%
62) 4-Bromofluorobenzene	12.731	95	603059	47.601	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	172653	17.746	ug/l	99
3) Chloromethane	2.303	50	245168	17.240	ug/l	100
4) Vinyl Chloride	2.448	62	242971	17.964	ug/l	98
5) Bromomethane	2.864	94	146755	20.833	ug/l	97
6) Chloroethane	3.025	64	146514	17.358	ug/l	99
7) Trichlorofluoromethane	3.379	101	290910	18.828	ug/l	99
8) Diethyl Ether	3.824	74	119990	17.778	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.205	101	164218	17.585	ug/l	94
10) Methyl Iodide	4.422	142	214698	17.829	ug/l	98
11) Tert butyl alcohol	5.374	59	179850	82.618	ug/l	97
12) 1,1-Dichloroethene	4.181	96	159055	17.077	ug/l	90
13) Acrolein	4.041	56	280314	89.785	ug/l	99
14) Allyl chloride	4.840	41	364893	17.980	ug/l	85
15) Acrylonitrile	5.554	53	618073	89.251	ug/l	99
16) Acetone	4.288	43	658819	78.667	ug/l	97
17) Carbon Disulfide	4.529	76	446209	17.640	ug/l	98
18) Methyl Acetate	4.857	43	282308	17.141	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	616011	18.514	ug/l	92
20) Methylene Chloride	5.098	84	199541	18.088	ug/l	89
21) trans-1,2-Dichloroethene	5.599	96	171474	18.292	ug/l	85
22) Diisopropyl ether	6.498	45	764553	19.007	ug/l	92
23) Vinyl Acetate	6.434	43	3190236	93.562	ug/l	95
24) 1,1-Dichloroethane	6.385	63	374978	18.636	ug/l	98
25) 2-Butanone	7.332	43	901414	85.537	ug/l	91
26) 2,2-Dichloropropane	7.324	77	278288	18.039	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	204276	18.344	ug/l	85
28) Bromochloromethane	7.659	49	175666	19.445	ug/l #	76
29) Tetrahydrofuran	7.683	42	586708	90.925	ug/l	87
30) Chloroform	7.817	83	380521	19.053	ug/l	99
31) Cyclohexane	8.094	56	386656	18.198	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	289910	18.563	ug/l	98
36) 1,1-Dichloropropene	8.220	75	264617	18.625	ug/l	95
37) Ethyl Acetate	7.412	43	342041	18.134	ug/l	97
38) Carbon Tetrachloride	8.206	117	237580	18.797	ug/l	98
39) Methylcyclohexane	9.459	83	329330	18.776	ug/l #	87
40) Benzene	8.458	78	828932	18.830	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	182537	19.022	ug/l #	85
42) 1,2-Dichloroethane	8.528	62	285517	18.705	ug/l	99
43) Isopropyl Acetate	8.560	43	531862	18.461	ug/l #	95
44) Trichloroethene	9.215	130	186056	18.643	ug/l	93
45) 1,2-Dichloropropane	9.488	63	226019	18.870	ug/l	100
46) Dibromomethane	9.577	93	131772	18.921	ug/l	95
47) Bromodichloromethane	9.762	83	262444	18.435	ug/l	99
48) Methyl methacrylate	9.558	41	241039	17.562	ug/l #	86
49) 1,4-Dioxane	9.569	88	73845	358.190	ug/l #	79
51) 4-Methyl-2-Pentanone	10.330	43	1695563	92.234	ug/l	98
52) Toluene	10.502	92	503325	19.114	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	280237	17.856	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	319580	18.718	ug/l	99
55) 1,1,2-Trichloroethane	10.896	97	191119	18.475	ug/l	97
56) Ethyl methacrylate	10.760	69	317300	17.687	ug/l	89
57) 1,3-Dichloropropane	11.044	76	347713	18.987	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	346705	84.802	ug/l	89
59) 2-Hexanone	11.084	43	1206973	90.378	ug/l	97
60) Dibromochloromethane	11.237	129	182458	18.909	ug/l	100
61) 1,2-Dibromoethane	11.344	107	191938	18.480	ug/l	99
64) Tetrachloroethene	10.977	164	174910	19.218	ug/l	96
65) Chlorobenzene	11.768	112	504448	18.757	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	173827	18.769	ug/l	99
67) Ethyl Benzene	11.843	91	951622	19.085	ug/l	97
68) m/p-Xylenes	11.950	106	698223	38.492	ug/l	92
69) o-Xylene	12.278	106	343770	19.097	ug/l	92
70) Styrene	12.294	104	552357	19.180	ug/l	95
71) Bromoform	12.455	173	128568	18.378	ug/l #	100
73) Isopropylbenzene	12.578	105	904727	18.323	ug/l	98
74) N-amyl acetate	12.388	43	347533	17.214	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	297062	17.814	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	356179	25.730	ug/l	75
77) Bromobenzene	12.860	156	200574	18.118	ug/l	76
78) n-propylbenzene	12.919	91	1022075	18.509	ug/l	96
79) 2-Chlorotoluene	13.007	91	641563	18.366	ug/l	91
80) 1,3,5-Trimethylbenzene	13.058	105	743569	18.622	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	77594	16.699	ug/l	97
82) 4-Chlorotoluene	13.104	91	605971	18.567	ug/l	92
83) tert-Butylbenzene	13.321	119	631473	18.168	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	722785	18.831	ug/l	97
85) sec-Butylbenzene	13.501	105	886291	18.756	ug/l	97
86) p-Isopropyltoluene	13.616	119	706827	19.041	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	342819	18.615	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	332004	18.115	ug/l	96
89) n-Butylbenzene	13.940	91	555342	18.135	ug/l	97
90) Hexachloroethane	14.209	117	113027	17.419	ug/l	93
91) 1,2-Dichlorobenzene	13.989	146	334331	18.375	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	46656	16.494	ug/l	81
93) 1,2,4-Trichlorobenzene	15.263	180	149664	17.883	ug/l	98
94) Hexachlorobutadiene	15.367	225	104375	19.369	ug/l	99
95) Naphthalene	15.507	128	345561	16.453	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	139993	17.427	ug/l	96

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

