

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120621\
 Data File : VN069780.D
 Acq On : 6 Dec 2021 13:40
 Operator : JC/MD
 Sample : VN1206MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206MBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Dec 06 15:12:39 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						12/07/2021
1) Pentafluorobenzene	8.086	168	1158708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1850181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1709208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	703028	50.000	ug/l	0.00
System Monitoring Compounds						12/10/2021
33) 1,2-Dichloroethane-d4	8.437	65	978111	54.672	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	109.340%
35) Dibromofluoromethane	8.021	113	664014	57.296	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	114.600%
50) Toluene-d8	10.440	98	2633099	56.584	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	113.160%
62) 4-Bromofluorobenzene	12.731	95	920923	54.627	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.260%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	279043	20.648	ug/l	99
3) Chloromethane	2.303	50	321515	18.989	ug/l	99
4) Vinyl Chloride	2.445	62	300614	19.309	ug/l	99
5) Bromomethane	2.853	94	165438	19.560	ug/l	98
6) Chloroethane	3.017	64	187218	19.624	ug/l	95
7) Trichlorofluoromethane	3.373	101	401276	19.639	ug/l	96
8) Diethyl Ether	3.827	74	153143	19.460	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.202	101	231936	20.250	ug/l	96
10) Methyl Iodide	4.417	142	259233	16.567	ug/l	97
11) Tert butyl alcohol	5.387	59	299880	88.676	ug/l #	83
12) 1,1-Dichloroethene	4.173	96	214746	19.457	ug/l	90
13) Acrolein	4.038	56	361343	125.473	ug/l	99
14) Allyl chloride	4.840	41	483041	19.422	ug/l #	92
15) Acrylonitrile	5.556	53	856540	93.996	ug/l	100
16) Acetone	4.288	43	1072298	99.638	ug/l	96
17) Carbon Disulfide	4.524	76	554174	19.435	ug/l	99
18) Methyl Acetate	4.859	43	599318	18.450	ug/l	91
19) Methyl tert-butyl Ether	5.621	73	826791	19.266	ug/l	94
20) Methylene Chloride	5.095	84	269348	18.827	ug/l #	84
21) trans-1,2-Dichloroethene	5.597	96	230992	19.268	ug/l	85
22) Diisopropyl ether	6.500	45	962105	19.792	ug/l	96
23) Vinyl Acetate	6.436	43	3930203	99.378	ug/l	95
24) 1,1-Dichloroethane	6.388	63	496229	19.706	ug/l	99
25) 2-Butanone	7.340	43	1372038	93.832	ug/l	92
26) 2,2-Dichloropropane	7.327	77	387857	19.810	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	275867	19.047	ug/l	85
28) Bromochloromethane	7.659	49	265863	20.303	ug/l #	79
29) Tetrahydrofuran	7.689	42	851195	95.866	ug/l	87
30) Chloroform	7.817	83	498754	19.612	ug/l	99
31) Cyclohexane	8.094	56	493147	19.807	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	422978	19.526	ug/l	95
36) 1,1-Dichloropropene	8.220	75	354744	20.141	ug/l	98
37) Ethyl Acetate	7.415	43	507871	19.373	ug/l	95
38) Carbon Tetrachloride	8.206	117	353348	20.458	ug/l	96
39) Methylcyclohexane	9.459	83	439368	20.972	ug/l	90
40) Benzene	8.461	78	1102849	20.485	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	244250	19.848	ug/l	90
42) 1,2-Dichloroethane	8.531	62	433877	19.964	ug/l	97
43) Isopropyl Acetate	8.563	43	760030	19.592	ug/l	94
44) Trichloroethene	9.217	130	262724	20.446	ug/l	87
45) 1,2-Dichloropropane	9.491	63	290448	20.090	ug/l	100
46) Dibromomethane	9.577	93	192475	20.300	ug/l	93
47) Bromodichloromethane	9.762	83	368057	20.503	ug/l	98
48) Methyl methacrylate	9.561	41	385813	21.311	ug/l #	83
49) 1,4-Dioxane	9.571	88	127255	391.742	ug/l #	87
51) 4-Methyl-2-Pentanone	10.333	43	2551293	101.376	ug/l	95
52) Toluene	10.505	92	676866	20.593	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	384921	19.623	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	416197	19.629	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	267548	20.175	ug/l	97
56) Ethyl methacrylate	10.762	69	438449	19.003	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	475330	20.356	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	382843	70.878	ug/l	91
59) 2-Hexanone	11.087	43	1890535	99.305	ug/l	93
60) Dibromochloromethane	11.240	129	256743	19.586	ug/l	99
61) 1,2-Dibromoethane	11.347	107	272710	19.854	ug/l	99
64) Tetrachloroethene	10.979	164	237156	20.463	ug/l	96
65) Chlorobenzene	11.771	112	706257	20.368	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	253974	20.810	ug/l	100
67) Ethyl Benzene	11.846	91	1314319	20.867	ug/l	95
68) m/p-Xylenes	11.953	106	967116	42.170	ug/l	94
69) o-Xylene	12.283	106	474991	20.562	ug/l	94
70) Styrene	12.296	104	749905	20.472	ug/l	95
71) Bromoform	12.460	173	182123	19.225	ug/l #	98
73) Isopropylbenzene	12.581	105	1243013	19.872	ug/l	98
74) N-amyl acetate	12.390	43	522192	18.878	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	424289	19.616	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	397523m	19.717	ug/l	
77) Bromobenzene	12.862	156	283526	19.298	ug/l	78
78) n-propylbenzene	12.921	91	1414682	20.325	ug/l	95
79) 2-Chlorotoluene	13.010	91	869352	19.767	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	1024048	20.341	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	103953	19.565	ug/l	87
82) 4-Chlorotoluene	13.106	91	833781	20.159	ug/l	92
83) tert-Butylbenzene	13.323	119	868177	19.475	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	989909	20.646	ug/l	97
85) sec-Butylbenzene	13.503	105	1220510	20.185	ug/l	98
86) p-Isopropyltoluene	13.616	119	960895	20.330	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	488077	20.221	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	469834	19.808	ug/l	97
89) n-Butylbenzene	13.946	91	752067	19.615	ug/l	98
90) Hexachloroethane	14.211	117	163773	19.736	ug/l	87
91) 1,2-Dichlorobenzene	13.991	146	479668	20.396	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	74428	19.043	ug/l	81
93) 1,2,4-Trichlorobenzene	15.265	180	206147	19.721	ug/l	97
94) Hexachlorobutadiene	15.370	225	128294	20.584	ug/l	100
95) Naphthalene	15.509	128	545316	18.592	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	204590	19.749	ug/l	97

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

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