

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101521\
 Data File : VN068945.D
 Acq On : 15 Oct 2021 13:25
 Operator : JC/MD
 Sample : VN1015MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015MBS01

Manual Integrations
 APPROVED

SAM
 10/18/2021 6:16:24 PM

Quant Time: Oct 18 02:14:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	270451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	473309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	431694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	183492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	192590	54.010	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.020%	
35) Dibromofluoromethane	8.024	113	145253	52.747	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.500%	
50) Toluene-d8	10.443	98	589774	53.527	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.060%	
62) 4-Bromofluorobenzene	12.733	95	210350	50.601	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	59035	18.337	ug/l	99
3) Chloromethane	2.303	50	66265	20.046	ug/l	99
4) Vinyl Chloride	2.445	62	73478	21.884	ug/l	97
5) Bromomethane	2.856	94	49370	26.732	ug/l	98
6) Chloroethane	3.019	64	45914	23.204	ug/l	96
7) Trichlorofluoromethane	3.376	101	93813	19.954	ug/l	100
8) Diethyl Ether	3.829	74	35348	20.156	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.218	101	52692	20.843	ug/l	98
10) Methyl Iodide	4.427	142	65253	17.784	ug/l	99
11) Tert butyl alcohol	5.366	59	60386	92.678	ug/l	99
12) 1,1-Dichloroethene	4.186	96	50131	19.183	ug/l	97
13) Acrolein	4.047	56	20721	71.889	ug/l	98
14) Allyl chloride	4.843	41	91325	19.495	ug/l	98
15) Acrylonitrile	5.557	53	144843	99.209	ug/l	100
16) Acetone	4.288	43	128266	96.391	ug/l	100
17) Carbon Disulfide	4.537	76	133567	18.833	ug/l	98
18) Methyl Acetate	4.854	43	103909	20.587	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	198861	20.437	ug/l	98
20) Methylene Chloride	5.101	84	61850	20.194	ug/l	96
21) trans-1,2-Dichloroethene	5.602	96	54296	19.232	ug/l	98
22) Diisopropyl ether	6.495	45	194210	19.935	ug/l	99
23) Vinyl Acetate	6.436	43	738022	100.208	ug/l	100
24) 1,1-Dichloroethane	6.388	63	106086	20.042	ug/l	99
25) 2-Butanone	7.337	43	201031	99.905	ug/l	99
26) 2,2-Dichloropropane	7.327	77	97726	19.373	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	66730	19.553	ug/l	99
28) Bromochloromethane	7.659	49	46033	19.202	ug/l	99
29) Tetrahydrofuran	7.686	42	130994	100.362	ug/l	98
30) Chloroform	7.820	83	113496	20.346	ug/l	100
31) Cyclohexane	8.096	56	102496	18.487	ug/l	93
32) 1,1,1-Trichloroethane	8.019	97	100090	19.247	ug/l	98
36) 1,1-Dichloropropene	8.222	75	81170	20.078	ug/l	99
37) Ethyl Acetate	7.412	43	81703	19.568	ug/l	99
38) Carbon Tetrachloride	8.209	117	86055	19.381	ug/l	100
39) Methylcyclohexane	9.461	83	103248	19.842	ug/l	98
40) Benzene	8.461	78	248337	20.173	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	40428	19.208	ug/l	94
42) 1,2-Dichloroethane	8.531	62	89402	20.508	ug/l	100
43) Isopropyl Acetate	8.560	43	150373	20.412	ug/l	99
44) Trichloroethene	9.217	130	60706	19.703	ug/l	100
45) 1,2-Dichloropropane	9.491	63	64437	20.172	ug/l	97
46) Dibromomethane	9.577	93	44563	20.437	ug/l	97
47) Bromodichloromethane	9.762	83	91208	20.185	ug/l	99
48) Methyl methacrylate	9.561	41	67966	19.635	ug/l	97
49) 1,4-Dioxane	9.569	88	25082	394.161	ug/l	95
51) 4-Methyl-2-Pentanone	10.330	43	430855	100.862	ug/l	100
52) Toluene	10.507	92	162927	20.571	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	101708	19.871	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	106279	19.957	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	63489	20.331	ug/l	99
56) Ethyl methacrylate	10.762	69	104407	19.914	ug/l	98
57) 1,3-Dichloropropane	11.047	76	107910	20.957	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	134566	99.461	ug/l	99
59) 2-Hexanone	11.084	43	305915	99.862	ug/l	99
60) Dibromochloromethane	11.237	129	67718	19.212	ug/l	100
61) 1,2-Dibromoethane	11.347	107	64897	20.261	ug/l	98
64) Tetrachloroethene	10.979	164	54552	19.617	ug/l	96
65) Chlorobenzene	11.773	112	168005	20.566	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	63857	19.972	ug/l	99
67) Ethyl Benzene	11.846	91	313895	20.686	ug/l	100
68) m/p-Xylenes	11.956	106	236097	41.044	ug/l	99
69) o-Xylene	12.283	106	116312	20.201	ug/l	100
70) Styrene	12.296	104	189730	20.243	ug/l	100
71) Bromoform	12.460	173	47053	18.371	ug/l #	99
73) Isopropylbenzene	12.581	105	301105	19.715	ug/l	99
74) N-amyl acetate	12.390	43	114830	19.845	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.827	83	90553	20.516	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	74610m	19.110	ug/l	
77) Bromobenzene	12.862	156	66794	19.778	ug/l	98
78) n-propylbenzene	12.921	91	341801	19.914	ug/l	99
79) 2-Chlorotoluene	13.010	91	209822	19.834	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	252566	19.854	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	29445	18.044	ug/l	99
82) 4-Chlorotoluene	13.106	91	206495	20.199	ug/l	99
83) tert-Butylbenzene	13.326	119	213748	19.302	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	247560	20.197	ug/l	100
85) sec-Butylbenzene	13.503	105	303274	19.774	ug/l	99
86) p-Isopropyltoluene	13.619	119	242206	19.689	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	117513	20.116	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	117326	20.236	ug/l	98
89) n-Butylbenzene	13.946	91	200415	19.570	ug/l	99
90) Hexachloroethane	14.211	117	48453	18.750	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	115913	20.426	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	16964	19.935	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	51674	18.497	ug/l	99
94) Hexachlorobutadiene	15.373	225	29365	18.173	ug/l	99
95) Naphthalene	15.507	128	141965	19.212	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	50620	18.909	ug/l	98

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

