

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071621\
 Data File : VN067771.D
 Acq On : 16 Jul 2021 14:22
 Operator : JC/MD
 Sample : VN0716MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/19/2021 5:53:51 PM

Quant Time: Jul 17 04:57:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	352715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	662004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	630453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	272955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	285615	53.580	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.160%	
35) Dibromofluoromethane	8.021	113	204452	51.117	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.240%	
50) Toluene-d8	10.443	98	845353	50.494	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.980%	
62) 4-Bromofluorobenzene	12.734	95	284524	48.110	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.220%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	58749	19.596	ug/l	98
3) Chloromethane	2.301	50	83611	17.608	ug/l	98
4) Vinyl Chloride	2.443	62	138186	19.283	ug/l	97
5) Bromomethane	2.842	94	120186	21.907	ug/l	100
6) Chloroethane	3.011	64	109659	20.295	ug/l	98
7) Trichlorofluoromethane	3.368	101	251098	21.114	ug/l	100
8) Diethyl Ether	3.813	74	59505	20.859	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.199	101	67451	20.634	ug/l	95
10) Methyl Iodide	4.411	142	77483	19.898	ug/l	91
11) Tert butyl alcohol	5.393	59	72133	94.168	ug/l	100
12) 1,1-Dichloroethene	4.170	96	64413	20.538	ug/l	87
13) Acrolein	4.041	56	52629	139.094	ug/l	96
14) Allyl chloride	4.832	41	110394	19.149	ug/l	94
15) Acrylonitrile	5.559	53	199675	105.096	ug/l	99
16) Acetone	4.291	43	171418	102.197	ug/l	95
17) Carbon Disulfide	4.516	76	159462	18.355	ug/l	100
18) Methyl Acetate	4.859	43	95462	20.263	ug/l	95
19) Methyl tert-butyl Ether	5.618	73	256727	19.754	ug/l	100
20) Methylene Chloride	5.095	84	84381	21.148	ug/l	90
21) trans-1,2-Dichloroethene	5.594	96	74139	19.994	ug/l	89
22) Diisopropyl ether	6.503	45	259043	19.801	ug/l	97
23) Vinyl Acetate	6.436	43	1079782m	96.542	ug/l	
24) 1,1-Dichloroethane	6.385	63	147653	20.246	ug/l	97
25) 2-Butanone	7.340	43	281385	101.027	ug/l	96
26) 2,2-Dichloropropane	7.327	77	123003	19.299	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	89758	19.343	ug/l	89
28) Bromochloromethane	7.657	49	68098	19.135	ug/l	85
29) Tetrahydrofuran	7.689	42	183318	100.085	ug/l	94
30) Chloroform	7.820	83	160898	19.641	ug/l	99
31) Cyclohexane	8.094	56	131691	17.619	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	140145	19.729	ug/l	99
36) 1,1-Dichloropropene	8.222	75	113584	18.471	ug/l	95
37) Ethyl Acetate	7.415	43	115884	19.449	ug/l	99
38) Carbon Tetrachloride	8.206	117	115560	19.051	ug/l	96
39) Methylcyclohexane	9.459	83	124621	18.512	ug/l	93
40) Benzene	8.461	78	350789	19.057	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	59235	19.344	ug/l	95
42) 1,2-Dichloroethane	8.531	62	134125	19.621	ug/l	97
43) Isopropyl Acetate	8.566	43	199736	19.057	ug/l	96
44) Trichloroethene	9.217	130	89693	19.200	ug/l	84
45) 1,2-Dichloropropane	9.491	63	89638	19.234	ug/l	96
46) Dibromomethane	9.580	93	64619	19.541	ug/l	97
47) Bromodichloromethane	9.762	83	123353	19.081	ug/l	98
48) Methyl methacrylate	9.563	41	85339	18.410	ug/l	89
49) 1,4-Dioxane	9.571	88	31854	366.424	ug/l	93
51) 4-Methyl-2-Pentanone	10.333	43	633961	98.458	ug/l	96
52) Toluene	10.507	92	234363	19.437	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	127498	17.718	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	134830	18.754	ug/l	92
55) 1,1,2-Trichloroethane	10.902	97	91861	19.880	ug/l	97
56) Ethyl methacrylate	10.765	69	138928	19.515	ug/l	92
57) 1,3-Dichloropropane	11.047	76	153246	19.340	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	163513	97.284	ug/l	93
59) 2-Hexanone	11.087	43	444231	98.840	ug/l	95
60) Dibromochloromethane	11.240	129	87913	17.128	ug/l	98
61) 1,2-Dibromoethane	11.347	107	91846	19.469	ug/l	100
64) Tetrachloroethene	10.980	164	88374	19.858	ug/l	95
65) Chlorobenzene	11.773	112	247510	19.115	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	88180	19.361	ug/l	99
67) Ethyl Benzene	11.846	91	451533	19.155	ug/l	97
68) m/p-Xylenes	11.956	106	338149	37.928	ug/l	88
69) o-Xylene	12.283	106	166993	19.051	ug/l	89
70) Styrene	12.296	104	273865	19.531	ug/l	93
71) Bromoform	12.460	173	55516	16.044	ug/l #	99
73) Isopropylbenzene	12.581	105	427858	19.428	ug/l	98
74) N-amyl acetate	12.390	43	153372	19.196	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.830	83	130031	20.344	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	109972m	19.729	ug/l	
77) Bromobenzene	12.862	156	94794	19.448	ug/l	80
78) n-propylbenzene	12.924	91	489333	19.645	ug/l	97
79) 2-Chlorotoluene	13.010	91	296583	19.708	ug/l	91
80) 1,3,5-Trimethylbenzene	13.061	105	358672	20.100	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.626	75	31061	17.965	ug/l	94
82) 4-Chlorotoluene	13.106	91	288871	19.399	ug/l	91
83) tert-Butylbenzene	13.326	119	301104	19.786	ug/l	90
84) 1,2,4-Trimethylbenzene	13.372	105	353531	20.219	ug/l	95
85) sec-Butylbenzene	13.503	105	418582	19.874	ug/l	98
86) p-Isopropyltoluene	13.619	119	333021	19.594	ug/l	95
87) 1,3-Dichlorobenzene	13.619	146	173668	19.206	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	174249	18.821	ug/l	96
89) n-Butylbenzene	13.946	91	270120	18.529	ug/l	98
90) Hexachloroethane	14.211	117	53834	19.071	ug/l	97
91) 1,2-Dichlorobenzene	13.991	146	170139	19.492	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	22265	20.056	ug/l	76
93) 1,2,4-Trichlorobenzene	15.265	180	68371	16.907	ug/l	98
94) Hexachlorobutadiene	15.373	225	34163	18.626	ug/l	98
95) Naphthalene	15.509	128	190207	16.387	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	65947	16.967	ug/l	97

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

