

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061821\
 Data File : VN067397.D
 Acq On : 18 Jun 2021 14:00
 Operator : JC/MD
 Sample : VN0618MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618MBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/21/2021 3:47:21 PM

Quant Time: Jun 19 00:38:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	288546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	594343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	528508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	204708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	289029	50.776	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.560%			
35) Dibromofluoromethane	8.021	113	191341	48.406	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.820%			
50) Toluene-d8	10.443	98	745641	49.215	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.440%			
62) 4-Bromofluorobenzene	12.733	95	279523	44.706	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	91085	20.117	ug/l	98
3) Chloromethane	2.301	50	91238	20.828	ug/l	99
4) Vinyl Chloride	2.443	62	86616	20.169	ug/l	99
5) Bromomethane	2.848	94	45656	25.058	ug/l	96
6) Chloroethane	3.014	64	54408	20.623	ug/l	97
7) Trichlorofluoromethane	3.371	101	120634	20.237	ug/l	99
8) Diethyl Ether	3.824	74	55514	22.895	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.199	101	78715	21.955	ug/l	97
10) Methyl Iodide	4.419	142	75111	24.402	ug/l	95
11) Tert butyl alcohol	5.388	59	89881	95.918	ug/l #	90
12) 1,1-Dichloroethene	4.173	96	73996	21.382	ug/l	95
13) Acrolein	4.038	56	74049	126.598	ug/l	100
14) Allyl chloride	4.838	41	156656	20.402	ug/l	97
15) Acrylonitrile	5.559	53	245739	119.481	ug/l	97
16) Acetone	4.288	43	208390	95.399	ug/l	95
17) Carbon Disulfide	4.524	76	230531	20.625	ug/l	99
18) Methyl Acetate	4.856	43	113015	21.337	ug/l #	77
19) Methyl tert-butyl Ether	5.624	73	309869	22.307	ug/l	100
20) Methylene Chloride	5.090	84	94835	20.866	ug/l	97
21) trans-1,2-Dichloroethene	5.597	96	82328	21.467	ug/l	95
22) Diisopropyl ether	6.501	45	319671	22.554	ug/l	95
23) Vinyl Acetate	6.433	43	1387412	106.829	ug/l	100
24) 1,1-Dichloroethane	6.383	63	177204	22.287	ug/l	99
25) 2-Butanone	7.340	43	326546	104.616	ug/l	98
26) 2,2-Dichloropropane	7.327	77	153053	18.992	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	99212	21.986	ug/l	96
28) Bromochloromethane	7.659	49	76967	20.800	ug/l	94
29) Tetrahydrofuran	7.689	42	216071	109.794	ug/l	97
30) Chloroform	7.817	83	170251	20.395	ug/l	100
31) Cyclohexane	8.096	56	165470	21.384	ug/l	97
32) 1,1,1-Trichloroethane	8.013	97	145072	18.920	ug/l	98
36) 1,1-Dichloropropene	8.222	75	129613	19.452	ug/l	99
37) Ethyl Acetate	7.415	43	134420	19.042	ug/l	98
38) Carbon Tetrachloride	8.206	117	116994	16.336	ug/l	99
39) Methylcyclohexane	9.459	83	153004	21.697	ug/l	98
40) Benzene	8.458	78	384896	20.696	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.643	41	76368	20.810	ug/l	97
42) 1,2-Dichloroethane	8.531	62	145949	18.572	ug/l	100
43) Isopropyl Acetate	8.563	43	243460	19.215	ug/l	98
44) Trichloroethene	9.217	130	80452	18.499	ug/l	96
45) 1,2-Dichloropropane	9.491	63	103457	20.858	ug/l	98
46) Dibromomethane	9.577	93	66499	19.706	ug/l	96
47) Bromodichloromethane	9.762	83	136095	17.979	ug/l	98
48) Methyl methacrylate	9.563	41	104101	18.019	ug/l	94
49) 1,4-Dioxane	9.571	88	32499	411.003	ug/l	99
51) 4-Methyl-2-Pentanone	10.333	43	709561	97.268	ug/l	98
52) Toluene	10.507	92	224422	19.190	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	154619	18.446	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	164950	19.470	ug/l	95
55) 1,1,2-Trichloroethane	10.902	97	89320	19.754	ug/l	96
56) Ethyl methacrylate	10.762	69	157599	19.388	ug/l	96
57) 1,3-Dichloropropane	11.046	76	164227	19.884	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	191949	81.140	ug/l	98
59) 2-Hexanone	11.087	43	495372	92.689	ug/l	96
60) Dibromochloromethane	11.240	129	87071	17.612	ug/l	97
61) 1,2-Dibromoethane	11.347	107	87227	18.427	ug/l	100
64) Tetrachloroethene	10.979	164	73028	19.461	ug/l	97
65) Chlorobenzene	11.773	112	223542	19.438	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	78853	18.412	ug/l	99
67) Ethyl Benzene	11.848	91	446896	19.650	ug/l	99
68) m/p-Xylenes	11.956	106	314019	38.842	ug/l	98
69) o-Xylene	12.283	106	155668	19.686	ug/l	99
70) Styrene	12.296	104	252257	19.192	ug/l	99
71) Bromoform	12.463	173	52464	16.032	ug/l #	99
73) Isopropylbenzene	12.581	105	403312	20.532	ug/l	100
74) N-amyl acetate	12.390	43	196596	20.501	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	128029	21.863	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	115831m	21.789	ug/l	
77) Bromobenzene	12.862	156	78257	19.564	ug/l	93
78) n-propylbenzene	12.924	91	498410	21.333	ug/l	98
79) 2-Chlorotoluene	13.010	91	295717	20.328	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	334688	20.227	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	41834	19.503	ug/l	94
82) 4-Chlorotoluene	13.106	91	298141	20.583	ug/l	96
83) tert-Butylbenzene	13.326	119	267163	20.277	ug/l	100
84) 1,2,4-Trimethylbenzene	13.372	105	324494	19.850	ug/l	98
85) sec-Butylbenzene	13.506	105	396033	21.230	ug/l	98
86) p-Isopropyltoluene	13.618	119	302620	20.100	ug/l	99
87) 1,3-Dichlorobenzene	13.618	146	141405	19.597	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	141791	19.536	ug/l	99
89) n-Butylbenzene	13.946	91	298726	21.117	ug/l	99
90) Hexachloroethane	14.214	117	57363	19.483	ug/l	91
91) 1,2-Dichlorobenzene	13.991	146	140752	20.559	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.608	75	25691	17.549	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	68339	19.119	ug/l	98
94) Hexachlorobutadiene	15.375	225	36592	17.826	ug/l	97
95) Naphthalene	15.509	128	204768	18.217	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	62967	18.349	ug/l	99

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

