

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070221\
 Data File : VN067616.D
 Acq On : 2 Jul 2021 15:04
 Operator : JC/MD
 Sample : VN0702MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0702MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/7/2021 8:51:26 AM

Quant Time: Jul 05 05:00:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 12:55:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	383625	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	706985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	673108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	288965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	286983	49.992	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.980%		
35) Dibromofluoromethane	8.024	113	206837	47.301	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.600%		
50) Toluene-d8	10.443	98	869902	47.135	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.280%		
62) 4-Bromofluorobenzene	12.733	95	300731	45.677	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.360%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	80148	19.313	ug/l	94
3) Chloromethane	2.301	50	99894	18.988	ug/l	98
4) Vinyl Chloride	2.440	62	150809	18.583	ug/l	96
5) Bromomethane	2.845	94	131192	20.625	ug/l	95
6) Chloroethane	3.014	64	119756	19.097	ug/l	99
7) Trichlorofluoromethane	3.368	101	302391	19.353	ug/l	100
8) Diethyl Ether	3.819	74	47738	11.785	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.199	101	68016	18.974	ug/l	96
10) Methyl Iodide	4.411	142	76678	16.922	ug/l	92
11) Tert butyl alcohol	5.390	59	77497	98.458	ug/l	# 88
12) 1,1-Dichloroethene	4.170	96	63601	18.653	ug/l	86
13) Acrolein	4.038	56	60658	93.278	ug/l	97
14) Allyl chloride	4.838	41	113904	18.785	ug/l	95
15) Acrylonitrile	5.559	53	199463	97.491	ug/l	99
16) Acetone	4.288	43	163541	89.861	ug/l	96
17) Carbon Disulfide	4.524	76	174277	17.954	ug/l	99
18) Methyl Acetate	4.856	43	91084	19.644	ug/l	# 79
19) Methyl tert-butyl Ether	5.615	73	268960	19.323	ug/l	100
20) Methylene Chloride	5.093	84	83835	18.478	ug/l	95
21) trans-1,2-Dichloroethene	5.589	96	76509	18.613	ug/l	84
22) Diisopropyl ether	6.501	45	269203	18.950	ug/l	95
23) Vinyl Acetate	6.433	43	1174881m	96.572	ug/l	
24) 1,1-Dichloroethane	6.385	63	145326	18.770	ug/l	99
25) 2-Butanone	7.343	43	287911	98.045	ug/l	95
26) 2,2-Dichloropropane	7.324	77	123406	17.462	ug/l	93
27) cis-1,2-Dichloroethene	7.324	96	93508	18.872	ug/l	88
28) Bromochloromethane	7.659	49	70426	18.737	ug/l	86
29) Tetrahydrofuran	7.689	42	192074	98.200	ug/l	94
30) Chloroform	7.817	83	163616	18.505	ug/l	99
31) Cyclohexane	8.094	56	141618	17.836	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	142993	18.546	ug/l	99
36) 1,1-Dichloropropene	8.222	75	119810	17.968	ug/l	97
37) Ethyl Acetate	7.418	43	122948	19.215	ug/l	98
38) Carbon Tetrachloride	8.206	117	115878	17.243	ug/l	95
39) Methylcyclohexane	9.459	83	135723	18.513	ug/l	92
40) Benzene	8.461	78	359163	18.154	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	59712	19.035	ug/l	93
42) 1,2-Dichloroethane	8.533	62	137528	18.931	ug/l	97
43) Isopropyl Acetate	8.566	43	209315	18.757	ug/l	97
44) Trichloroethene	9.217	130	91790	18.544	ug/l	91
45) 1,2-Dichloropropane	9.494	63	92714	18.913	ug/l	95
46) Dibromomethane	9.579	93	67022	18.738	ug/l	95
47) Bromodichloromethane	9.764	83	125825	18.299	ug/l	99
48) Methyl methacrylate	9.563	41	91339	18.607	ug/l	90
49) 1,4-Dioxane	9.571	88	32093	368.667	ug/l	92
51) 4-Methyl-2-Pentanone	10.333	43	652035	95.558	ug/l	97
52) Toluene	10.507	92	241702	18.344	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	134327	17.113	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	141531	18.078	ug/l	93
55) 1,1,2-Trichloroethane	10.899	97	93331	18.465	ug/l	98
56) Ethyl methacrylate	10.765	69	143330	18.355	ug/l	97
57) 1,3-Dichloropropane	11.046	76	154913	18.445	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	147103	92.591	ug/l	94
59) 2-Hexanone	11.089	43	458272	95.817	ug/l	96
60) Dibromochloromethane	11.242	129	91771	16.491	ug/l	100
61) 1,2-Dibromoethane	11.350	107	96318	18.428	ug/l	98
64) Tetrachloroethene	10.979	164	88355	18.441	ug/l	97
65) Chlorobenzene	11.773	112	256025	18.572	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.843	131	89443	18.284	ug/l	98
67) Ethyl Benzene	11.848	91	474661	18.966	ug/l	97
68) m/p-Xylenes	11.958	106	359321	37.467	ug/l	88
69) o-Xylene	12.283	106	175496	18.480	ug/l	90
70) Styrene	12.299	104	287312	17.309	ug/l	94
71) Bromoform	12.463	173	58696	16.328	ug/l #	100
73) Isopropylbenzene	12.581	105	451950	18.793	ug/l	99
74) N-amyl acetate	12.390	43	168038	19.873	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	132254	19.417	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	116870m	20.222	ug/l	
77) Bromobenzene	12.862	156	99450	18.536	ug/l	79
78) n-propylbenzene	12.924	91	513386	19.231	ug/l	97
79) 2-Chlorotoluene	13.010	91	306730	18.711	ug/l	91
80) 1,3,5-Trimethylbenzene	13.063	105	372947	19.237	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	32510	16.963	ug/l	97
82) 4-Chlorotoluene	13.109	91	308675	19.144	ug/l	93
83) tert-Butylbenzene	13.326	119	309272	18.968	ug/l	91
84) 1,2,4-Trimethylbenzene	13.372	105	370733	19.541	ug/l	97
85) sec-Butylbenzene	13.506	105	427648	19.020	ug/l	99
86) p-Isopropyltoluene	13.618	119	345342	19.083	ug/l	96
87) 1,3-Dichlorobenzene	13.618	146	184527	18.930	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	184800	19.005	ug/l	97
89) n-Butylbenzene	13.946	91	291662	19.369	ug/l	97
90) Hexachloroethane	14.214	117	54912	18.239	ug/l	95
91) 1,2-Dichlorobenzene	13.991	146	178921	18.804	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	23985	21.072	ug/l	84
93) 1,2,4-Trichlorobenzene	15.265	180	77710	19.307	ug/l	98
94) Hexachlorobutadiene	15.372	225	37370	19.756	ug/l	97
95) Naphthalene	15.509	128	230723	19.385	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	73513	19.752	ug/l	98

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

