

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101321\
 Data File : VN068898.D
 Acq On : 13 Oct 2021 15:32
 Operator : JC/MD
 Sample : VN1013MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1013MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/14/2021 2:28:30 PM

Quant Time: Oct 14 06:42:27 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	8.086	168	323279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	551176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	503929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	221263	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	201518	47.28	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.56%		
35) Dibromofluoromethane	8.024	113	157282	49.05	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.10%		
50) Toluene-d8	10.443	98	615934	48.00	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.00%		
62) 4-Bromofluorobenzene	12.733	95	219626	45.37	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.74%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	64332	16.83	ug/l	99
3) Chloromethane	2.303	50	69830	17.67	ug/l	100
4) Vinyl Chloride	2.445	62	75504	18.81	ug/l	98
5) Bromomethane	2.861	94	45434	20.58	ug/l	97
6) Chloroethane	3.022	64	45822	19.37	ug/l	97
7) Trichlorofluoromethane	3.376	101	101651	18.09	ug/l	98
8) Diethyl Ether	3.827	74	39327	18.76	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.216	101	57091	18.89	ug/l	98
10) Methyl Iodide	4.427	142	62749	14.31	ug/l	100
11) Tert butyl alcohol	5.363	59	64965	83.41	ug/l	97
12) 1,1-Dichloroethene	4.189	96	53740	17.20	ug/l	97
13) Acrolein	4.041	56	24270	70.44	ug/l	96
14) Allyl chloride	4.846	41	100287	17.91	ug/l	97
15) Acrylonitrile	5.551	53	154726	88.66	ug/l	100
16) Acetone	4.288	43	125725	79.04	ug/l	99
17) Carbon Disulfide	4.535	76	145505	17.16	ug/l	98
18) Methyl Acetate	4.859	43	108478	17.98	ug/l	99
19) Methyl tert-butyl Ether	5.618	73	214341	18.43	ug/l	99
20) Methylene Chloride	5.101	84	66299	18.11	ug/l	98
21) trans-1,2-Dichloroethene	5.602	96	57939	17.17	ug/l	96
22) Diisopropyl ether	6.495	45	209508	17.99	ug/l	98
23) Vinyl Acetate	6.434	43	793159	90.10	ug/l	99
24) 1,1-Dichloroethane	6.388	63	113242	17.90	ug/l	99
25) 2-Butanone	7.335	43	207125	86.11	ug/l	97
26) 2,2-Dichloropropane	7.329	77	98159	16.28	ug/l	98
27) cis-1,2-Dichloroethene	7.329	96	71677	17.57	ug/l	98
28) Bromochloromethane	7.662	49	44282	15.45	ug/l	95
29) Tetrahydrofuran	7.683	42	140229	89.88	ug/l	99
30) Chloroform	7.820	83	122237	18.33	ug/l	100
31) Cyclohexane	8.096	56	112651	17.00	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	109670	17.64	ug/l	98
36) 1,1-Dichloropropene	8.222	75	85590	18.18	ug/l	99
37) Ethyl Acetate	7.412	43	88170	18.13	ug/l	98
38) Carbon Tetrachloride	8.209	117	95077	18.39	ug/l	98
39) Methylcyclohexane	9.461	83	113541	18.74	ug/l	97
40) Benzene	8.461	78	264554	18.45	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	43075	17.57	ug/l	93
42) 1,2-Dichloroethane	8.534	62	95792	18.87	ug/l	100
43) Isopropyl Acetate	8.560	43	164700	19.20	ug/l	99
44) Trichloroethene	9.217	130	66894	18.64	ug/l	99
45) 1,2-Dichloropropane	9.491	63	69688	18.73	ug/l	98
46) Dibromomethane	9.579	93	47342	18.64	ug/l	96
47) Bromodichloromethane	9.765	83	98901	18.80	ug/l	98
48) Methyl methacrylate	9.561	41	73263	18.17	ug/l	96
49) 1,4-Dioxane	9.569	88	25936	353.99	ug/l	96
51) 4-Methyl-2-Pentanone	10.330	43	456778	91.82	ug/l	100
52) Toluene	10.507	92	171747	18.62	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	108041	18.13	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	113306	18.27	ug/l	97
55) 1,1,2-Trichloroethane	10.899	97	69922	19.23	ug/l	97
56) Ethyl methacrylate	10.762	69	111799	18.31	ug/l	98
57) 1,3-Dichloropropane	11.047	76	113874	18.99	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	143649	92.74	ug/l	99
59) 2-Hexanone	11.087	43	324234	90.89	ug/l	100
60) Dibromochloromethane	11.240	129	76134	18.55	ug/l	99
61) 1,2-Dibromoethane	11.347	107	69685	18.68	ug/l	99
64) Tetrachloroethene	10.979	164	61043	18.80	ug/l	98
65) Chlorobenzene	11.773	112	178095	18.68	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	70898	19.00	ug/l	100
67) Ethyl Benzene	11.846	91	335363	18.93	ug/l	100
68) m/p-Xylenes	11.956	106	255791	38.09	ug/l	98
69) o-Xylene	12.283	106	125474	18.67	ug/l	100
70) Styrene	12.296	104	205412	18.77	ug/l	99
71) Bromoform	12.460	173	54681	18.29	ug/l #	97
73) Isopropylbenzene	12.581	105	326233	17.71	ug/l	100
74) N-amyl acetate	12.390	43	127079	18.21	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	98244	18.46	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	80364m	17.07	ug/l	
77) Bromobenzene	12.862	156	74386	18.27	ug/l	95
78) n-propylbenzene	12.921	91	370197	17.89	ug/l	100
79) 2-Chlorotoluene	13.010	91	226154	17.73	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	276506	18.03	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.629	75	31930	16.23	ug/l	99
82) 4-Chlorotoluene	13.106	91	223720	18.15	ug/l	100
83) tert-Butylbenzene	13.326	119	239075	17.90	ug/l	98
84) 1,2,4-Trimethylbenzene	13.372	105	270018	18.27	ug/l	100
85) sec-Butylbenzene	13.503	105	334894	18.11	ug/l	100
86) p-Isopropyltoluene	13.619	119	271996	18.34	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	133305	18.92	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	133355	19.07	ug/l	98
89) n-Butylbenzene	13.946	91	222916	18.05	ug/l	100
90) Hexachloroethane	14.214	117	53020	17.02	ug/l	97
91) 1,2-Dichlorobenzene	13.991	146	130925	19.13	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.603	75	18462	17.99	ug/l	95
93) 1,2,4-Trichlorobenzene	15.265	180	62431	18.53	ug/l	99
94) Hexachlorobutadiene	15.373	225	38282	19.65	ug/l	99
95) Naphthalene	15.507	128	170891	19.19	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	62546	19.31	ug/l	98

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

