

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120122\
 Data File : VN075517.D
 Acq On : 01 Dec 2022 16:09
 Operator : JC\MD
 Sample : VN1201MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/02/2022
 Supervised By : Mahesh Dadoda 12/02/2022

Quant Time: Dec 02 04:36:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	146674	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	239133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	219980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	37403	47.506	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.020%		
35) Dibromofluoromethane	8.171	113	49070	52.236	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.480%		
50) Toluene-d8	10.571	98	102996	48.680	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.360%		
62) 4-Bromofluorobenzene	12.847	95	77052	49.339	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.680%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	18424	16.427	ug/l	98
3) Chloromethane	2.371	50	23222	16.640	ug/l	96
4) Vinyl Chloride	2.530	62	28227	16.049	ug/l	95
5) Bromomethane	2.953	94	26837	17.352	ug/l	99
6) Chloroethane	3.124	64	23162	17.380	ug/l	94
7) Trichlorofluoromethane	3.506	101	42981	17.106	ug/l	98
8) Diethyl Ether	3.977	74	18162	20.624	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.383	101	26382	19.020	ug/l #	82
10) Methyl Iodide	4.600	142	42238	18.792	ug/l	96
11) Tert butyl alcohol	5.536	59	27325	82.675	ug/l #	84
12) 1,1-Dichloroethene	4.347	96	23972	17.649	ug/l	99
13) Acrolein	4.189	56	24480	85.021	ug/l	97
14) Allyl chloride	5.036	41	32774m	18.654	ug/l	
15) Acrylonitrile	5.730	53	73635	97.108	ug/l	98
16) Acetone	4.442	43	67429	91.817	ug/l	89
17) Carbon Disulfide	4.724	76	50211	14.224	ug/l	97
18) Methyl Acetate	5.036	43	39604	20.631	ug/l	93
19) Methyl tert-butyl Ether	5.806	73	93617	19.456	ug/l	100
20) Methylene Chloride	5.283	84	30703	19.846	ug/l	84
21) trans-1,2-Dichloroethene	5.800	96	27459	17.739	ug/l	93
22) Diisopropyl ether	6.677	45	77643	19.365	ug/l	97
23) Vinyl Acetate	6.612	43	308402m	96.687	ug/l	
24) 1,1-Dichloroethane	6.577	63	48829	18.974	ug/l	96
25) 2-Butanone	7.494	43	96539	94.158	ug/l	96
26) 2,2-Dichloropropane	7.488	77	44724	18.699	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	34360	19.630	ug/l	91
28) Bromochloromethane	7.818	49	19542	18.707	ug/l #	81
29) Tetrahydrofuran	7.847	42	57294	91.869	ug/l	94
30) Chloroform	7.971	83	56633	19.163	ug/l	94
31) Cyclohexane	8.259	56	40224	16.080	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	49024	18.270	ug/l	98
36) 1,1-Dichloropropene	8.377	75	36432	17.784	ug/l	96
37) Ethyl Acetate	7.565	43	33175	17.985	ug/l #	97
38) Carbon Tetrachloride	8.365	117	42637	18.946	ug/l	95
39) Methylcyclohexane	9.600	83	43925	17.132	ug/l	96
40) Benzene	8.612	78	118393	18.876	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	19622	20.807	ug/l	98
42) 1,2-Dichloroethane	8.677	62	42146	20.063	ug/l	97
43) Isopropyl Acetate	8.694	43	59838	20.210	ug/l	96
44) Trichloroethene	9.359	130	32687	19.046	ug/l	89
45) 1,2-Dichloropropane	9.624	63	29209	19.542	ug/l	98
46) Dibromomethane	9.712	93	22780	20.149	ug/l #	89
47) Bromodichloromethane	9.888	83	43937	20.068	ug/l #	98
48) Methyl methacrylate	9.682	41	26725	19.520	ug/l	95
49) 1,4-Dioxane	9.694	88	14865	382.373	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	189229	100.343	ug/l	97
52) Toluene	10.629	92	79736	19.728	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	43979	20.009	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	50490	21.150	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	34480	20.945	ug/l	96
56) Ethyl methacrylate	10.876	69	47005	21.143	ug/l	96
57) 1,3-Dichloropropane	11.165	76	53154	19.802	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	79387	99.010	ug/l	93
59) 2-Hexanone	11.194	43	142028	100.297	ug/l	97
60) Dibromochloromethane	11.359	129	36520	21.613	ug/l	98
61) 1,2-Dibromoethane	11.471	107	34114	19.965	ug/l	96
64) Tetrachloroethene	11.106	164	30611	18.222	ug/l	84
65) Chlorobenzene	11.894	112	87943	19.358	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	34327	20.246	ug/l	100
67) Ethyl Benzene	11.965	91	149893	19.340	ug/l	98
68) m/p-Xylenes	12.071	106	121582	38.629	ug/l	99
69) o-Xylene	12.400	106	61924	19.802	ug/l	95
70) Styrene	12.412	104	97702	19.805	ug/l	97
71) Bromoform	12.582	173	27081	20.986	ug/l #	99
73) Isopropylbenzene	12.700	105	153359	19.539	ug/l	97
74) N-amyl acetate	12.494	43	48895	20.263	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	50710	21.191	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	42417m	20.882	ug/l	
77) Bromobenzene	12.982	156	39415	20.341	ug/l	83
78) n-propylbenzene	13.035	91	169056	19.300	ug/l	99
79) 2-Chlorotoluene	13.129	91	106794	20.235	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	131450	20.158	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	13804m	20.107	ug/l	
82) 4-Chlorotoluene	13.129	91	106794	20.235	ug/l	98
83) tert-Butylbenzene	13.441	119	115406	19.410	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	132432	20.247	ug/l	98
85) sec-Butylbenzene	13.617	105	156906	19.450	ug/l	99
86) p-Isopropyltoluene	13.729	119	135523	19.967	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	72848	19.842	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	72676	19.487	ug/l	98
89) n-Butylbenzene	14.059	91	104195	18.176	ug/l	99
90) Hexachloroethane	14.335	117	23927	20.434	ug/l	85
91) 1,2-Dichlorobenzene	14.106	146	74371	20.781	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9443	20.832	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	36145	19.709	ug/l	98
94) Hexachlorobutadiene	15.506	225	18970	19.858	ug/l	98
95) Naphthalene	15.641	128	115251	19.975	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	36243	20.107	ug/l	98

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

