

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
 Data File : VN075359.D
 Acq On : 22 Nov 2022 11:43
 Operator : JC\MD
 Sample : VN1122MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/23/2022
 Supervised By : Mahesh Dadoda 11/25/2022

Quant Time: Nov 23 07:05:10 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	148397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	252547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	228318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	41451	52.037	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.080%			
35) Dibromofluoromethane	8.171	113	51081	51.488	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.980%			
50) Toluene-d8	10.565	98	116307	52.052	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.100%			
62) 4-Bromofluorobenzene	12.847	95	84445	51.201	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	22147	19.517	ug/l	97
3) Chloromethane	2.371	50	26348	18.661	ug/l	97
4) Vinyl Chloride	2.524	62	35444	19.918	ug/l	92
5) Bromomethane	2.924	94	32754	20.932	ug/l	86
6) Chloroethane	3.107	64	26214	19.442	ug/l	95
7) Trichlorofluoromethane	3.495	101	49868	19.617	ug/l	89
8) Diethyl Ether	3.971	74	18833	21.137	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	28863	20.567	ug/l	97
10) Methyl Iodide	4.601	142	43760	19.243	ug/l	98
11) Tert butyl alcohol	5.542	59	32598	97.484	ug/l	97
12) 1,1-Dichloroethene	4.342	96	27430	19.960	ug/l	92
13) Acrolein	4.189	56	29786	102.248	ug/l	99
14) Allyl chloride	5.036	41	33110	18.626	ug/l	95
15) Acrylonitrile	5.724	53	77873	101.504	ug/l	97
16) Acetone	4.436	43	71324	95.993	ug/l	92
17) Carbon Disulfide	4.712	76	68715	19.240	ug/l	98
18) Methyl Acetate	5.036	43	40632	20.939	ug/l	94
19) Methyl tert-butyl Ether	5.801	73	95576	19.633	ug/l	97
20) Methylene Chloride	5.277	84	32445	20.787	ug/l #	81
21) trans-1,2-Dichloroethene	5.789	96	31172	19.904	ug/l	83
22) Diisopropyl ether	6.677	45	81316	20.046	ug/l	98
23) Vinyl Acetate	6.612	43	290328	89.964	ug/l	98
24) 1,1-Dichloroethane	6.583	63	53929	20.712	ug/l	98
25) 2-Butanone	7.489	43	101162	97.521	ug/l	97
26) 2,2-Dichloropropane	7.495	77	47829	19.765	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	36272	20.482	ug/l	92
28) Bromochloromethane	7.812	49	21627	20.463	ug/l	89
29) Tetrahydrofuran	7.842	42	64725	102.579	ug/l	99
30) Chloroform	7.971	83	59417	19.872	ug/l	99
31) Cyclohexane	8.259	56	48455	19.146	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	54603	20.112	ug/l	91
36) 1,1-Dichloropropene	8.377	75	42073	19.447	ug/l	95
37) Ethyl Acetate	7.565	43	36849	18.915	ug/l	97
38) Carbon Tetrachloride	8.365	117	47295	19.900	ug/l	96
39) Methylcyclohexane	9.600	83	54308	20.057	ug/l	99
40) Benzene	8.606	78	130347	19.678	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	20950	21.035	ug/l	98
42) 1,2-Dichloroethane	8.677	62	43602	19.654	ug/l	97
43) Isopropyl Acetate	8.689	43	61777	19.756	ug/l	96
44) Trichloroethene	9.353	130	34553	19.064	ug/l	96
45) 1,2-Dichloropropane	9.624	63	30602	19.386	ug/l	99
46) Dibromomethane	9.712	93	24119	20.201	ug/l	94
47) Bromodichloromethane	9.888	83	46787	20.235	ug/l	94
48) Methyl methacrylate	9.683	41	28836	19.944	ug/l	96
49) 1,4-Dioxane	9.700	88	16407	399.622	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	201259	101.054	ug/l	97
52) Toluene	10.630	92	86133	20.178	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	46252	19.925	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	50494	20.029	ug/l #	94
55) 1,1,2-Trichloroethane	11.018	97	34622	19.914	ug/l	96
56) Ethyl methacrylate	10.877	69	47574	20.262	ug/l	97
57) 1,3-Dichloropropane	11.165	76	55780	19.677	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	87706	103.576	ug/l	98
59) 2-Hexanone	11.194	43	153645	102.738	ug/l	99
60) Dibromochloromethane	11.359	129	36019	20.184	ug/l	97
61) 1,2-Dibromoethane	11.471	107	36157	20.037	ug/l	99
64) Tetrachloroethene	11.100	164	32959	18.903	ug/l	93
65) Chlorobenzene	11.894	112	91630	19.433	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	34724	19.732	ug/l	99
67) Ethyl Benzene	11.965	91	161592	20.088	ug/l	96
68) m/p-Xylenes	12.071	106	132455	40.547	ug/l	98
69) o-Xylene	12.400	106	64567	19.893	ug/l	96
70) Styrene	12.412	104	101826	19.887	ug/l	98
71) Bromoform	12.577	173	27003	20.161	ug/l #	99
73) Isopropylbenzene	12.694	105	164358	19.620	ug/l	98
74) N-amyl acetate	12.494	43	51302	19.920	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	50407	19.737	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	47911m	22.100	ug/l	
77) Bromobenzene	12.982	156	39291	18.999	ug/l	86
78) n-propylbenzene	13.035	91	186195	19.916	ug/l	100
79) 2-Chlorotoluene	13.124	91	112963	20.054	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	142295	20.445	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	14733	20.108	ug/l	94
82) 4-Chlorotoluene	13.124	91	112963	20.054	ug/l	97
83) tert-Butylbenzene	13.441	119	125568	19.788	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	141502	20.269	ug/l	98
85) sec-Butylbenzene	13.618	105	176886	20.544	ug/l	100
86) p-Isopropyltoluene	13.729	119	147537	20.366	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	76624	19.555	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	76979	19.340	ug/l	98
89) n-Butylbenzene	14.059	91	117876	19.266	ug/l	98
90) Hexachloroethane	14.335	117	24356	19.489	ug/l	87
91) 1,2-Dichlorobenzene	14.106	146	74982	19.631	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9580	19.802	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	36493	18.644	ug/l	99
94) Hexachlorobutadiene	15.500	225	19511	19.137	ug/l	98
95) Naphthalene	15.641	128	114821	18.646	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	34989	18.188	ug/l	99

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

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