

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122122\
 Data File : VN075912.D
 Acq On : 21 Dec 2022 12:17
 Operator : JC\MD
 Sample : VN1221MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/21/2022
 Supervised By : Mahesh Dadoda 12/22/2022

Quant Time: Dec 21 14:15:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	324880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	516345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	455423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	224622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	178940	50.628	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.260%			
35) Dibromofluoromethane	8.171	113	163596	51.161	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.320%			
50) Toluene-d8	10.571	98	603095	50.444	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.880%			
62) 4-Bromofluorobenzene	12.853	95	206176	52.067	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	38420	16.655	ug/l	99
3) Chloromethane	2.371	50	45252	15.776	ug/l	97
4) Vinyl Chloride	2.530	62	55447	16.205	ug/l	94
5) Bromomethane	2.954	94	49061	16.872	ug/l	97
6) Chloroethane	3.130	64	42629	16.824	ug/l	98
7) Trichlorofluoromethane	3.507	101	92266	17.771	ug/l	95
8) Diethyl Ether	3.977	74	36554	19.276	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	54414	18.354	ug/l	96
10) Methyl Iodide	4.601	142	84510	17.565	ug/l	100
11) Tert butyl alcohol	5.542	59	47961	95.900	ug/l	98
12) 1,1-Dichloroethene	4.354	96	50566	17.561	ug/l	97
13) Acrolein	4.195	56	82918	135.239	ug/l	99
14) Allyl chloride	5.036	41	59892	17.793	ug/l	92
15) Acrylonitrile	5.736	53	127856	93.683	ug/l	99
16) Acetone	4.448	43	114853	94.267	ug/l	99
17) Carbon Disulfide	4.724	76	111280	15.962	ug/l	97
18) Methyl Acetate	5.042	43	68632	19.057	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	185158	19.527	ug/l	97
20) Methylene Chloride	5.289	84	60798	18.247	ug/l	99
21) trans-1,2-Dichloroethene	5.795	96	56064	17.779	ug/l	95
22) Diisopropyl ether	6.683	45	161233	19.718	ug/l	97
23) Vinyl Acetate	6.612	43	538713	97.884	ug/l	98
24) 1,1-Dichloroethane	6.583	63	100811	18.486	ug/l	99
25) 2-Butanone	7.494	43	170057	99.685	ug/l	96
26) 2,2-Dichloropropane	7.494	77	88428	19.148	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	71360	18.921	ug/l	98
28) Bromochloromethane	7.824	49	41560	17.388	ug/l	100
29) Tetrahydrofuran	7.847	42	105523	98.705	ug/l	97
30) Chloroform	7.971	83	112712	18.357	ug/l	96
31) Cyclohexane	8.265	56	87182	17.223	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	100215	18.411	ug/l	96
36) 1,1-Dichloropropene	8.377	75	78829	18.558	ug/l	99
37) Ethyl Acetate	7.571	43	64062	18.776	ug/l	97
38) Carbon Tetrachloride	8.371	117	87804	18.469	ug/l	97
39) Methylcyclohexane	9.606	83	99049	19.328	ug/l	97
40) Benzene	8.612	78	243639	18.590	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	35008	19.739	ug/l	98
42) 1,2-Dichloroethane	8.677	62	82819	19.008	ug/l	99
43) Isopropyl Acetate	8.694	43	111897	19.881	ug/l	99
44) Trichloroethene	9.353	130	65315	17.690	ug/l	100
45) 1,2-Dichloropropane	9.624	63	61407	19.254	ug/l	97
46) Dibromomethane	9.712	93	44057	18.625	ug/l	97
47) Bromodichloromethane	9.894	83	89250	19.240	ug/l	98
48) Methyl methacrylate	9.683	41	50634	19.974	ug/l	98
49) 1,4-Dioxane	9.700	88	25504	409.241	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	345057	101.375	ug/l	98
52) Toluene	10.630	92	162753	19.068	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	87601	19.292	ug/l	92
54) cis-1,3-Dichloropropene	10.318	75	98744	19.806	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	65570	19.572	ug/l	98
56) Ethyl methacrylate	10.877	69	90343	20.302	ug/l	97
57) 1,3-Dichloropropane	11.165	76	107255	19.517	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	139186	98.240	ug/l	100
59) 2-Hexanone	11.200	43	249685	100.587	ug/l	100
60) Dibromochloromethane	11.359	129	71442	19.175	ug/l	99
61) 1,2-Dibromoethane	11.471	107	66152	19.512	ug/l	99
64) Tetrachloroethene	11.106	164	62146	19.392	ug/l	96
65) Chlorobenzene	11.894	112	173499	18.561	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	66972	19.343	ug/l	99
67) Ethyl Benzene	11.965	91	306998	19.460	ug/l	99
68) m/p-Xylenes	12.077	106	247570	39.648	ug/l	99
69) o-Xylene	12.400	106	123074	19.917	ug/l	99
70) Styrene	12.412	104	201466	20.505	ug/l	98
71) Bromoform	12.582	173	49749	19.747	ug/l #	98
73) Isopropylbenzene	12.700	105	316419	19.493	ug/l	100
74) N-amyl acetate	12.494	43	96251	20.212	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	93228	18.579	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	69003m	15.240	ug/l	
77) Bromobenzene	12.982	156	76491	18.620	ug/l	98
78) n-propylbenzene	13.041	91	352682	19.699	ug/l	99
79) 2-Chlorotoluene	13.129	91	214245	19.171	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	267593	19.697	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	28180	22.402	ug/l	91
82) 4-Chlorotoluene	13.129	91	214245	19.171	ug/l	100
83) tert-Butylbenzene	13.441	119	247146	20.633	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	272567	20.224	ug/l	99
85) sec-Butylbenzene	13.618	105	336334	20.344	ug/l	100
86) p-Isopropyltoluene	13.735	119	282819	20.559	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	144848	19.088	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	141984	18.316	ug/l	98
89) n-Butylbenzene	14.059	91	221668	19.890	ug/l	99
90) Hexachloroethane	14.335	117	47390	19.258	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	145469	19.462	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16372	18.387	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	69938	18.900	ug/l	99
94) Hexachlorobutadiene	15.506	225	36982	18.318	ug/l	96
95) Naphthalene	15.647	128	207095	18.380	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	68193	19.717	ug/l	99

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

