

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
 Data File : VN076548.D
 Acq On : 06 Feb 2023 17:48
 Operator : JC\MD
 Sample : VN0206MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206MBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023

Quant Time: Feb 07 15:27:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 15:24:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	555190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	927528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	817971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	367476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	341858	51.714	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.420%			
35) Dibromofluoromethane	8.171	113	294873	51.373	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.740%			
50) Toluene-d8	10.571	98	1121588	51.431	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.860%			
62) 4-Bromofluorobenzene	12.853	95	391646	51.816	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	126292	21.642	ug/l	97
3) Chloromethane	2.371	50	96820	17.158	ug/l	97
4) Vinyl Chloride	2.524	62	89898	19.264	ug/l	98
5) Bromomethane	2.983	94	61808	17.338	ug/l	96
6) Chloroethane	3.136	64	56743	19.465	ug/l	95
7) Trichlorofluoromethane	3.512	101	198695	19.571	ug/l	96
8) Diethyl Ether	3.977	74	73971	20.036	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	110792	18.720	ug/l	97
10) Methyl Iodide	4.606	142	167619	19.212	ug/l	99
11) Tert butyl alcohol	5.583	59	78708	87.501	ug/l	100
12) 1,1-Dichloroethene	4.354	96	104736	18.637	ug/l	98
13) Acrolein	4.206	56	109563	89.445	ug/l	98
14) Allyl chloride	5.036	41	144396	19.649	ug/l	99
15) Acrylonitrile	5.742	53	252210	96.387	ug/l	100
16) Acetone	4.465	43	194126	83.970	ug/l	100
17) Carbon Disulfide	4.730	76	268056	18.770	ug/l	100
18) Methyl Acetate	5.048	43	138913	19.663	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	366752	20.084	ug/l	98
20) Methylene Chloride	5.295	84	123200	18.440	ug/l	100
21) trans-1,2-Dichloroethene	5.800	96	114084	19.269	ug/l	97
22) Diisopropyl ether	6.689	45	328472	20.064	ug/l	97
23) Vinyl Acetate	6.618	43	1178259	111.674	ug/l	99
24) 1,1-Dichloroethane	6.583	63	201441	19.383	ug/l	97
25) 2-Butanone	7.500	43	304923	93.316	ug/l	96
26) 2,2-Dichloropropane	7.500	77	159051	18.159	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	133052	19.194	ug/l	99
28) Bromochloromethane	7.818	49	83543	19.414	ug/l	99
29) Tetrahydrofuran	7.847	42	199714	96.048	ug/l	98
30) Chloroform	7.971	83	220279	19.307	ug/l	97
31) Cyclohexane	8.265	56	191639	18.542	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	195382	19.208	ug/l	99
36) 1,1-Dichloropropene	8.377	75	159756	19.479	ug/l	99
37) Ethyl Acetate	7.571	43	128247	19.604	ug/l	98
38) Carbon Tetrachloride	8.371	117	173064	19.367	ug/l	99
39) Methylcyclohexane	9.606	83	203068	20.412	ug/l	100
40) Benzene	8.612	78	484923	19.422	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	71260	20.397	ug/l	97
42) 1,2-Dichloroethane	8.677	62	165172	19.906	ug/l	100
43) Isopropyl Acetate	8.694	43	214121	20.127	ug/l	100
44) Trichloroethene	9.359	130	130135	19.495	ug/l	99
45) 1,2-Dichloropropane	9.624	63	118318	19.533	ug/l	100
46) Dibromomethane	9.712	93	84679	19.493	ug/l	99
47) Bromodichloromethane	9.888	83	169220	19.466	ug/l	99
48) Methyl methacrylate	9.688	41	102443	20.159	ug/l	98
49) 1,4-Dioxane	9.724	88	40518	338.484	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	637101	99.923	ug/l	100
52) Toluene	10.635	92	317306	19.912	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	168336	20.006	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	188070	19.811	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	124576	19.972	ug/l	97
56) Ethyl methacrylate	10.877	69	173913	20.772	ug/l	99
57) 1,3-Dichloropropane	11.165	76	202337	19.655	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	230446	91.553	ug/l	99
59) 2-Hexanone	11.200	43	449175	96.967	ug/l	99
60) Dibromochloromethane	11.359	129	132257	19.954	ug/l	100
61) 1,2-Dibromoethane	11.471	107	123914	19.887	ug/l	100
64) Tetrachloroethene	11.106	164	143674	20.807	ug/l	98
65) Chlorobenzene	11.894	112	327536	19.363	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	125255	20.205	ug/l	99
67) Ethyl Benzene	11.965	91	597302	20.059	ug/l	99
68) m/p-Xylenes	12.071	106	467844	40.513	ug/l	100
69) o-Xylene	12.400	106	229844	20.252	ug/l	99
70) Styrene	12.412	104	370056	20.502	ug/l	99
71) Bromoform	12.582	173	88689	20.049	ug/l #	100
73) Isopropylbenzene	12.700	105	592207	20.218	ug/l	100
74) N-amyl acetate	12.494	43	168538	19.740	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	157504	18.553	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	125866m	16.793	ug/l	
77) Bromobenzene	12.982	156	133170	19.323	ug/l	98
78) n-propylbenzene	13.035	91	675260	20.719	ug/l	100
79) 2-Chlorotoluene	13.129	91	412144	19.921	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	510840	20.573	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	43663	19.398	ug/l	94
82) 4-Chlorotoluene	13.129	91	412144	19.921	ug/l	99
83) tert-Butylbenzene	13.441	119	446237	20.210	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	506619	20.567	ug/l	98
85) sec-Butylbenzene	13.618	105	612325	20.573	ug/l	100
86) p-Isopropyltoluene	13.729	119	509173	21.008	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	248163	19.439	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	240054	18.642	ug/l	98
89) n-Butylbenzene	14.059	91	387210	20.138	ug/l	99
90) Hexachloroethane	14.335	117	82188	19.860	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	244436	19.512	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	28571	19.525	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	110852	20.079	ug/l	99
94) Hexachlorobutadiene	15.506	225	59848	18.881	ug/l	99
95) Naphthalene	15.641	128	332433	20.443	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	109224	20.579	ug/l	99

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

