

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063022\
 Data File : VN073276.D
 Acq On : 30 Jun 2022 19:28
 Operator : JC\MD
 Sample : VN0630MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630MBS01

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 07/06/2022
 Supervised By : Semsettin Yesilyurt 07/06/2022

Quant Time: Jul 01 08:09:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	256891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	455742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	407643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	186813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	189316	51.049	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.100%			
35) Dibromofluoromethane	7.951	113	152927	50.436	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.880%			
50) Toluene-d8	10.380	98	524926	48.744	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.480%			
62) 4-Bromofluorobenzene	12.668	95	204022	49.299	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	74631	19.871	ug/l	99
3) Chloromethane	2.269	50	67942	18.633	ug/l	96
4) Vinyl Chloride	2.404	62	60710	19.596	ug/l	97
5) Bromomethane	2.810	94	20016	13.678	ug/l	100
6) Chloroethane	2.969	64	38156	20.936	ug/l	96
7) Trichlorofluoromethane	3.322	101	105761	19.746	ug/l	95
8) Diethyl Ether	3.769	74	47236	21.664	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.145	101	60223	19.029	ug/l	97
10) Methyl Iodide	4.351	142	37253	11.750	ug/l	97
11) Tert butyl alcohol	5.292	59	99382	110.625	ug/l	100
12) 1,1-Dichloroethene	4.116	96	61479	20.330	ug/l	98
13) Acrolein	3.987	56	59850	105.402	ug/l	100
14) Allyl chloride	4.763	41	128144	20.114	ug/l	94
15) Acrylonitrile	5.481	53	257118	111.180	ug/l	100
16) Acetone	4.222	43	233472	112.157	ug/l	96
17) Carbon Disulfide	4.463	76	149098	19.014	ug/l	99
18) Methyl Acetate	4.781	43	128055	21.951	ug/l #	89
19) Methyl tert-butyl Ether	5.534	73	242301	21.984	ug/l	99
20) Methylene Chloride	5.022	84	73831	20.182	ug/l	91
21) trans-1,2-Dichloroethene	5.516	96	64945	20.553	ug/l	92
22) Diisopropyl ether	6.410	45	257375	21.650	ug/l	94
23) Vinyl Acetate	6.351	43	1169775	109.905	ug/l #	93
24) 1,1-Dichloroethane	6.310	63	130400	21.197	ug/l	98
25) 2-Butanone	7.263	43	385176	116.220	ug/l	89
26) 2,2-Dichloropropane	7.251	77	93196	16.380	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	80929	21.149	ug/l	99
28) Bromochloromethane	7.580	49	55857	21.680	ug/l	85
29) Tetrahydrofuran	7.616	42	255044	112.388	ug/l	89
30) Chloroform	7.745	83	130975	21.138	ug/l	97
31) Cyclohexane	8.022	56	112819	18.575	ug/l	92
32) 1,1,1-Trichloroethane	7.945	97	116498	21.098	ug/l	99
36) 1,1-Dichloropropene	8.151	75	92302	19.784	ug/l	97
37) Ethyl Acetate	7.333	43	147890	20.979	ug/l	97
38) Carbon Tetrachloride	8.133	117	93433	19.365	ug/l	99
39) Methylcyclohexane	9.392	83	108457	18.672	ug/l	98
40) Benzene	8.392	78	290966	20.208	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	59897	17.520	ug/l	95
42) 1,2-Dichloroethane	8.463	62	108256	20.741	ug/l	99
43) Isopropyl Acetate	8.498	43	219866	21.702	ug/l	95
44) Trichloroethene	9.151	130	71089	19.401	ug/l	89
45) 1,2-Dichloropropane	9.427	63	75835	20.664	ug/l	95
46) Dibromomethane	9.516	93	51331	20.600	ug/l	93
47) Bromodichloromethane	9.698	83	99369	20.590	ug/l	95
48) Methyl methacrylate	9.498	41	101025	21.536	ug/l	90
49) 1,4-Dioxane	9.504	88	38638	433.883	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	722112	112.394	ug/l	91
52) Toluene	10.439	92	178357	20.044	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	106446	20.035	ug/l	96
54) cis-1,3-Dichloropropene	10.127	75	118185	20.605	ug/l	91
55) 1,1,2-Trichloroethane	10.833	97	75725	20.671	ug/l	99
56) Ethyl methacrylate	10.704	69	126660	21.392	ug/l #	85
57) 1,3-Dichloropropane	10.980	76	129469	20.617	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	282636	107.032	ug/l	96
59) 2-Hexanone	11.021	43	549630	112.227	ug/l	90
60) Dibromochloromethane	11.180	129	74820	21.422	ug/l	99
61) 1,2-Dibromoethane	11.286	107	77540	21.191	ug/l	98
64) Tetrachloroethene	10.916	164	80103	24.064	ug/l	95
65) Chlorobenzene	11.710	112	183151	19.866	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	71524	21.092	ug/l	97
67) Ethyl Benzene	11.786	91	340401	20.338	ug/l	99
68) m/p-Xylenes	11.892	106	251921	39.882	ug/l	97
69) o-Xylene	12.221	106	129619	20.101	ug/l	98
70) Styrene	12.233	104	209421	21.035	ug/l	99
71) Bromoform	12.398	173	51752	20.857	ug/l #	100
73) Isopropylbenzene	12.515	105	323398	20.047	ug/l	99
74) N-amyl acetate	12.327	43	172750	21.386	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.768	83	118053	22.053	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	100868m	20.649	ug/l	
77) Bromobenzene	12.798	156	75449	20.116	ug/l	85
78) n-propylbenzene	12.857	91	361896	20.193	ug/l	97
79) 2-Chlorotoluene	12.945	91	234832	20.704	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	272683	20.738	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.568	75	34749	19.509	ug/l	90
82) 4-Chlorotoluene	13.045	91	215705	19.643	ug/l	97
83) tert-Butylbenzene	13.262	119	236567	20.068	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	268175	20.428	ug/l	96
85) sec-Butylbenzene	13.439	105	320472	20.246	ug/l	98
86) p-Isopropyltoluene	13.557	119	259092	20.262	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	132326	19.666	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	133560	19.811	ug/l	98
89) n-Butylbenzene	13.880	91	208827	19.598	ug/l	97
90) Hexachloroethane	14.145	117	47939	20.117	ug/l	87
91) 1,2-Dichlorobenzene	13.927	146	143585	20.948	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	29943	23.013	ug/l	90
93) 1,2,4-Trichlorobenzene	15.192	180	71781	20.112	ug/l	97
94) Hexachlorobutadiene	15.298	225	30212	19.042	ug/l	98
95) Naphthalene	15.433	128	348491	24.204	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	73864	20.063	ug/l	98

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

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