

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102622\
 Data File : VN075028.D
 Acq On : 26 Oct 2022 18:05
 Operator : JC\MD
 Sample : VN1026MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 09:56:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	131450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	246704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	220846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	95854	54.120	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.240%			
35) Dibromofluoromethane	8.171	113	80405	55.518	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.040%			
50) Toluene-d8	10.571	98	313204	55.741	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.480%			
62) 4-Bromofluorobenzene	12.853	95	113903	57.707	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	43319	25.333	ug/l	96
3) Chloromethane	2.377	50	37720	20.767	ug/l	95
4) Vinyl Chloride	2.524	62	50969	19.670	ug/l	94
5) Bromomethane	2.942	94	39703	18.326	ug/l	96
6) Chloroethane	3.118	64	35682	19.204	ug/l	97
7) Trichlorofluoromethane	3.501	101	60642	22.910	ug/l	96
8) Diethyl Ether	3.971	74	22260	23.056	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.383	101	32436	22.189	ug/l	99
10) Methyl Iodide	4.595	142	48404	22.242	ug/l	98
11) Tert butyl alcohol	5.548	59	39004	94.433	ug/l	98
12) 1,1-Dichloroethene	4.353	96	30279	21.730	ug/l	89
13) Acrolein	4.195	56	34430	101.912	ug/l	99
14) Allyl chloride	5.036	41	42376	20.823	ug/l	95
15) Acrylonitrile	5.736	53	92620	106.154	ug/l	98
16) Acetone	4.442	43	76632	102.184	ug/l	95
17) Carbon Disulfide	4.718	76	70665	20.167	ug/l	100
18) Methyl Acetate	5.042	43	51625	21.074	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	110356	21.309	ug/l	98
20) Methylene Chloride	5.283	84	35036	20.953	ug/l	87
21) trans-1,2-Dichloroethene	5.795	96	31908	20.914	ug/l	94
22) Diisopropyl ether	6.689	45	91210	20.309	ug/l	98
23) Vinyl Acetate	6.618	43	379546	101.205	ug/l	100
24) 1,1-Dichloroethane	6.583	63	58373	20.551	ug/l	99
25) 2-Butanone	7.494	43	118138	100.152	ug/l	97
26) 2,2-Dichloropropane	7.500	77	54271	20.769	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	38381	21.066	ug/l	98
28) Bromochloromethane	7.818	49	23732	19.820	ug/l	88
29) Tetrahydrofuran	7.847	42	78745	103.308	ug/l	100
30) Chloroform	7.977	83	64004	20.754	ug/l	99
31) Cyclohexane	8.265	56	52129	19.789	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	60359	21.553	ug/l	96
36) 1,1-Dichloropropene	8.377	75	45349	20.225	ug/l	98
37) Ethyl Acetate	7.571	43	47947	19.499	ug/l	98
38) Carbon Tetrachloride	8.371	117	51346	20.818	ug/l	99
39) Methylcyclohexane	9.600	83	59986	20.265	ug/l	97
40) Benzene	8.612	78	138590	20.187	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	24894	21.131	ug/l	98
42) 1,2-Dichloroethane	8.677	62	49255	19.720	ug/l	97
43) Isopropyl Acetate	8.694	43	77606	20.347	ug/l	99
44) Trichloroethene	9.359	130	36206	21.021	ug/l	96
45) 1,2-Dichloropropane	9.624	63	33585	20.556	ug/l	98
46) Dibromomethane	9.712	93	26136	20.533	ug/l	97
47) Bromodichloromethane	9.894	83	48678	19.748	ug/l	100
48) Methyl methacrylate	9.688	41	34288	19.597	ug/l	99
49) 1,4-Dioxane	9.700	88	18178	396.763	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	241085	97.950	ug/l	98
52) Toluene	10.635	92	96390	21.004	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	52753	20.276	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	55705	20.186	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	37254	20.473	ug/l	95
56) Ethyl methacrylate	10.877	69	57854	20.843	ug/l	99
57) 1,3-Dichloropropane	11.165	76	62527	20.634	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	107480	100.162	ug/l	99
59) 2-Hexanone	11.200	43	184188	98.599	ug/l	99
60) Dibromochloromethane	11.365	129	38949	20.288	ug/l	98
61) 1,2-Dibromoethane	11.471	107	39032	20.931	ug/l	98
64) Tetrachloroethene	11.106	164	27688	20.449	ug/l	96
65) Chlorobenzene	11.894	112	100851	21.394	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	37140	21.239	ug/l	99
67) Ethyl Benzene	11.965	91	180786	21.316	ug/l	96
68) m/p-Xylenes	12.076	106	144553	42.477	ug/l	99
69) o-Xylene	12.400	106	73343	21.793	ug/l	99
70) Styrene	12.412	104	117289	21.857	ug/l	100
71) Bromoform	12.582	173	26738	20.422	ug/l #	100
73) Isopropylbenzene	12.700	105	186160	21.277	ug/l	98
74) N-amyl acetate	12.500	43	66539	20.562	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	58525	20.971	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	47135m	20.369	ug/l	
77) Bromobenzene	12.982	156	40267	20.901	ug/l	97
78) n-propylbenzene	13.035	91	211997	21.581	ug/l	96
79) 2-Chlorotoluene	13.129	91	126034	20.996	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	162280	22.082	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	20308	22.528	ug/l	96
82) 4-Chlorotoluene	13.129	91	126034	20.996	ug/l	98
83) tert-Butylbenzene	13.441	119	142368	21.802	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	165233	22.222	ug/l	100
85) sec-Butylbenzene	13.618	105	208399	22.814	ug/l	99
86) p-Isopropyltoluene	13.729	119	171124	22.683	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	81246	21.539	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	80135	21.466	ug/l	97
89) n-Butylbenzene	14.059	91	140247	23.085	ug/l	99
90) Hexachloroethane	14.335	117	29208	21.116	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	81910	21.843	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12622	21.387	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	37177	23.039	ug/l	99
94) Hexachlorobutadiene	15.500	225	18058	22.955	ug/l	98
95) Naphthalene	15.641	128	152719	24.610	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	36261	22.616	ug/l	93

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

