

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120222\
 Data File : VN075534.D
 Acq On : 02 Dec 2022 16:05
 Operator : JC\MD
 Sample : VN1202MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/05/2022
 Supervised By : Mahesh Dadoda 12/05/2022

Quant Time: Dec 03 00:33:56 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	127925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	212244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	192985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	37668	54.855	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.700%			
35) Dibromofluoromethane	8.171	113	46896	56.246	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.500%			
50) Toluene-d8	10.571	98	96405	51.337	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.680%			
62) 4-Bromofluorobenzene	12.853	95	71372	51.492	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.980%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	16782	17.156	ug/l	96
3) Chloromethane	2.371	50	21652	17.789	ug/l	98
4) Vinyl Chloride	2.524	62	27887	18.179	ug/l	96
5) Bromomethane	2.918	94	29478	21.853	ug/l	95
6) Chloroethane	3.101	64	23557	20.267	ug/l	90
7) Trichlorofluoromethane	3.495	101	38965	17.781	ug/l	99
8) Diethyl Ether	3.971	74	16871	21.965	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	23111	19.103	ug/l	94
10) Methyl Iodide	4.595	142	41207	21.020	ug/l	95
11) Tert butyl alcohol	5.536	59	34902	121.077	ug/l	100
12) 1,1-Dichloroethene	4.348	96	21621	18.251	ug/l	83
13) Acrolein	4.189	56	25439	101.301	ug/l	100
14) Allyl chloride	5.036	41	30557	19.941	ug/l	94
15) Acrylonitrile	5.736	53	74581	112.771	ug/l	99
16) Acetone	4.442	43	59633	93.103	ug/l	96
17) Carbon Disulfide	4.718	76	46843	15.215	ug/l	99
18) Methyl Acetate	5.030	43	40094	24.161	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	92380	22.013	ug/l	94
20) Methylene Chloride	5.283	84	29694	22.150	ug/l	95
21) trans-1,2-Dichloroethene	5.795	96	24777	18.352	ug/l	92
22) Diisopropyl ether	6.683	45	74369	21.267	ug/l #	95
23) Vinyl Acetate	6.612	43	296722m	106.659	ug/l	
24) 1,1-Dichloroethane	6.583	63	45400	20.227	ug/l	99
25) 2-Butanone	7.494	43	95848	107.185	ug/l	98
26) 2,2-Dichloropropane	7.500	77	37476	17.965	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	32257	21.130	ug/l	91
28) Bromochloromethane	7.818	49	20149	22.115	ug/l	83
29) Tetrahydrofuran	7.847	42	58634	107.797	ug/l	95
30) Chloroform	7.971	83	52016	20.180	ug/l	95
31) Cyclohexane	8.259	56	34232	15.691	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	44643	19.075	ug/l	95
36) 1,1-Dichloropropene	8.377	75	31860	17.522	ug/l	95
37) Ethyl Acetate	7.565	43	37155	22.694	ug/l	98
38) Carbon Tetrachloride	8.365	117	38284	19.167	ug/l	97
39) Methylcyclohexane	9.600	83	38832	17.064	ug/l	96
40) Benzene	8.606	78	125452	22.535	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	19645	23.470	ug/l	97
42) 1,2-Dichloroethane	8.677	62	39300	21.079	ug/l	98
43) Isopropyl Acetate	8.694	43	58431	22.235	ug/l	96
44) Trichloroethene	9.353	130	29341	19.262	ug/l	93
45) 1,2-Dichloropropane	9.624	63	27169	20.480	ug/l	98
46) Dibromomethane	9.712	93	21606	21.532	ug/l #	86
47) Bromodichloromethane	9.888	83	40909	21.053	ug/l	99
48) Methyl methacrylate	9.683	41	26701	21.974	ug/l	97
49) 1,4-Dioxane	9.700	88	15990	463.420	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	188709	112.745	ug/l	96
52) Toluene	10.635	92	73597	20.515	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	40652	20.839	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	43669	20.611	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	31751	21.731	ug/l	95
56) Ethyl methacrylate	10.877	69	44018	22.308	ug/l	95
57) 1,3-Dichloropropane	11.165	76	50884	21.358	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	80952	113.753	ug/l	95
59) 2-Hexanone	11.200	43	140229	111.573	ug/l	97
60) Dibromochloromethane	11.359	129	35434	23.626	ug/l	98
61) 1,2-Dibromoethane	11.471	107	33381	22.011	ug/l	99
64) Tetrachloroethene	11.106	164	26525	17.998	ug/l	86
65) Chlorobenzene	11.894	112	77637	19.480	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	31641	21.272	ug/l	100
67) Ethyl Benzene	11.965	91	129916	19.107	ug/l	98
68) m/p-Xylenes	12.077	106	106636	38.620	ug/l	98
69) o-Xylene	12.400	106	54630	19.913	ug/l	92
70) Styrene	12.412	104	85489	19.754	ug/l	99
71) Bromoform	12.582	173	27035	23.881	ug/l #	98
73) Isopropylbenzene	12.700	105	133673	19.426	ug/l	98
74) N-amyl acetate	12.494	43	46172	21.826	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	49584	23.635	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	36262m	20.363	ug/l	
77) Bromobenzene	12.982	156	35425	20.853	ug/l	85
78) n-propylbenzene	13.041	91	146040	19.017	ug/l	99
79) 2-Chlorotoluene	13.129	91	90886	19.643	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	114262	19.987	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	13446	22.341	ug/l	94
82) 4-Chlorotoluene	13.129	91	90886	19.643	ug/l	96
83) tert-Butylbenzene	13.441	119	101591	19.490	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	115794	20.193	ug/l	97
85) sec-Butylbenzene	13.618	105	136771	19.338	ug/l	99
86) p-Isopropyltoluene	13.729	119	115503	19.411	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	62278	19.349	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	61578	18.834	ug/l	99
89) n-Butylbenzene	14.059	91	88160	17.542	ug/l	99
90) Hexachloroethane	14.335	117	20841	20.302	ug/l	81
91) 1,2-Dichlorobenzene	14.106	146	66606	21.230	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9974	25.098	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	33314	20.720	ug/l	96
94) Hexachlorobutadiene	15.506	225	16658	19.891	ug/l	96
95) Naphthalene	15.641	128	106363	21.028	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	32269	20.421	ug/l	97

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

