

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050222\
 Data File : VN072302.D
 Acq On : 02 May 2022 18:37
 Operator : JC\MD
 Sample : VN0502MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502MBS01

Quant Time: May 03 03:13:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/03/2022
 Supervised By : Mahesh Dadoda 05/03/2022

05/03/2022
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 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	201629	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	333946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	299409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	112984	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.433	65	182162	58.848	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 117.700%	
35) Dibromofluoromethane	8.016	113	119042	55.694	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 111.380%	
50) Toluene-d8	10.439	98	431796	51.411	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.820%	
62) 4-Bromofluorobenzene	12.727	95	149911	53.775	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 107.540%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.069	85	44220	19.464	ug/l	99
3) Chloromethane	2.304	50	38592	14.646	ug/l	100
4) Vinyl Chloride	2.446	62	35314	15.558	ug/l	99
5) Bromomethane	2.846	94	23676	20.467	ug/l	92
6) Chloroethane	3.010	64	22563	16.475	ug/l	99
7) Trichlorofluoromethane	3.375	101	79913	20.152	ug/l	98
8) Diethyl Ether	3.828	74	25743	17.928	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.216	101	38517	18.492	ug/l	96
10) Methyl Iodide	4.422	142	43433	17.178	ug/l	# 77
11) Tert butyl alcohol	5.363	59	52375	102.960	ug/l	100
12) 1,1-Dichloroethene	4.187	96	33282	17.283	ug/l	87
13) Acrolein	4.040	56	43107	84.206	ug/l	98
14) Allyl chloride	4.845	41	61902	15.482	ug/l	93
15) Acrylonitrile	5.557	53	122900	80.062	ug/l	99
16) Acetone	4.287	43	111071	83.226	ug/l	94
17) Carbon Disulfide	4.534	76	67815	15.222	ug/l	97
18) Methyl Acetate	4.857	43	59832	16.010	ug/l	96
19) Methyl tert-butyl Ether	5.616	73	153213	20.297	ug/l	96
20) Methylene Chloride	5.098	84	42967	16.796	ug/l	94
21) trans-1,2-Dichloroethene	5.598	96	35258	16.604	ug/l	86
22) Diisopropyl ether	6.492	45	137279	16.669	ug/l	97
23) Vinyl Acetate	6.434	43	574660	83.081	ug/l	98
24) 1,1-Dichloroethane	6.386	63	80451	17.464	ug/l	100
25) 2-Butanone	7.333	43	165862	78.038	ug/l	97
26) 2,2-Dichloropropane	7.328	77	77939	21.658	ug/l	92
27) cis-1,2-Dichloroethene	7.328	96	45452	17.557	ug/l	85
28) Bromochloromethane	7.657	49	31250	15.149	ug/l	86
29) Tetrahydrofuran	7.681	42	105881	75.909	ug/l	98
30) Chloroform	7.816	83	91161	19.709	ug/l	97
31) Cyclohexane	8.098	56	64042	15.484	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	86253	21.913	ug/l	99
36) 1,1-Dichloropropene	8.222	75	58119	18.681	ug/l	94
37) Ethyl Acetate	7.410	43	69770	16.886	ug/l	98
38) Carbon Tetrachloride	8.204	117	73775	22.140	ug/l	96
39) Methylcyclohexane	9.457	83	60521	17.393	ug/l	96
40) Benzene	8.457	78	171820	17.805	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	33426	15.992	ug/l	89
42) 1,2-Dichloroethane	8.528	62	80228	21.715	ug/l	93
43) Isopropyl Acetate	8.557	43	105750	16.841	ug/l	98
44) Trichloroethene	9.216	130	41678	18.566	ug/l	94
45) 1,2-Dichloropropane	9.492	63	44887	17.214	ug/l	90
46) Dibromomethane	9.575	93	32826	20.095	ug/l	87
47) Bromodichloromethane	9.757	83	71860	20.965	ug/l	98
48) Methyl methacrylate	9.557	41	47297	17.330	ug/l #	92
49) 1,4-Dioxane	9.563	88	18836	392.891	ug/l #	89
51) 4-Methyl-2-Pentanone	10.327	43	344243	88.304	ug/l	96
52) Toluene	10.504	92	112314	19.468	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	72787	21.125	ug/l	95
54) cis-1,3-Dichloropropene	10.186	75	74042	19.870	ug/l #	90
55) 1,1,2-Trichloroethane	10.892	97	46122	19.067	ug/l	97
56) Ethyl methacrylate	10.757	69	70658	18.255	ug/l	92
57) 1,3-Dichloropropane	11.039	76	80885	19.055	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	66217	71.710	ug/l	97
59) 2-Hexanone	11.080	43	242197	88.179	ug/l	94
60) Dibromochloromethane	11.233	129	51765	20.927	ug/l	99
61) 1,2-Dibromoethane	11.339	107	46582	19.581	ug/l	98
64) Tetrachloroethene	10.974	164	35842	19.887	ug/l	91
65) Chlorobenzene	11.769	112	113816	18.814	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	49081	21.531	ug/l	95
67) Ethyl Benzene	11.839	91	214905	20.370	ug/l	95
68) m/p-Xylenes	11.951	106	154388	39.408	ug/l	85
69) o-Xylene	12.274	106	79387	20.902	ug/l	89
70) Styrene	12.286	104	123029	20.565	ug/l #	93
71) Bromoform	12.451	173	36426	21.485	ug/l #	98
73) Isopropylbenzene	12.574	105	212989	21.344	ug/l	95
74) N-amyl acetate	12.386	43	64603	17.280	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	69710	20.082	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	61283m	24.031	ug/l	
77) Bromobenzene	12.857	156	44778	18.975	ug/l	84
78) n-propylbenzene	12.915	91	223222	20.306	ug/l	96
79) 2-Chlorotoluene	13.004	91	147132	20.377	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	182005	21.901	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.621	75	18173	18.598	ug/l	85
82) 4-Chlorotoluene	13.104	91	136540	20.314	ug/l	92
83) tert-Butylbenzene	13.315	119	156038	21.385	ug/l	91
84) 1,2,4-Trimethylbenzene	13.363	105	177604	22.088	ug/l	90
85) sec-Butylbenzene	13.498	105	196139	20.618	ug/l	98
86) p-Isopropyltoluene	13.610	119	160934	21.700	ug/l	93
87) 1,3-Dichlorobenzene	13.610	146	76831	20.116	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	72682	19.569	ug/l	93
89) n-Butylbenzene	13.939	91	112831	19.862	ug/l	97
90) Hexachloroethane	14.204	117	31704	19.693	ug/l	93
91) 1,2-Dichlorobenzene	13.980	146	74120	19.690	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.598	75	14635	21.205	ug/l	73
93) 1,2,4-Trichlorobenzene	15.257	180	31473	19.630	ug/l	96
94) Hexachlorobutadiene	15.368	225	21694	21.506	ug/l	97
95) Naphthalene	15.504	128	87857	18.022	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	31412	19.816	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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05/03/2022

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

