

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
 Data File : VN072473.D
 Acq On : 13 May 2022 13:24
 Operator : JC\MD
 Sample : VN0513MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513MBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: May 13 14:40:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	182690	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	281156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	264710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	113734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	138511	49.500	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.000%
35) Dibromofluoromethane	8.016	113	95067	50.824	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.640%
50) Toluene-d8	10.439	98	345348	48.477	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.960%
62) 4-Bromofluorobenzene	12.727	95	125036	52.850	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.700%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	42787	18.779	ug/l	100
3) Chloromethane	2.299	50	35572	15.783	ug/l	99
4) Vinyl Chloride	2.440	62	32012	16.501	ug/l	98
5) Bromomethane	2.828	94	24078	20.846	ug/l	89
6) Chloroethane	2.999	64	19125	17.884	ug/l	95
7) Trichlorofluoromethane	3.363	101	71303	19.830	ug/l	99
8) Diethyl Ether	3.822	74	22199	17.113	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.198	101	36132	18.416	ug/l	96
10) Methyl Iodide	4.422	142	42925	16.504	ug/l	# 85
11) Tert butyl alcohol	5.357	59	41063	89.747	ug/l	98
12) 1,1-Dichloroethene	4.181	96	31038	16.883	ug/l	85
13) Acrolein	4.040	56	29425	65.731	ug/l	100
14) Allyl chloride	4.834	41	55616	16.248	ug/l	92
15) Acrylonitrile	5.551	53	107059	86.108	ug/l	98
16) Acetone	4.281	43	99309	89.614	ug/l	90
17) Carbon Disulfide	4.528	76	74065	15.534	ug/l	98
18) Methyl Acetate	4.857	43	55457	16.997	ug/l	94
19) Methyl tert-butyl Ether	5.616	73	129728	19.527	ug/l	98
20) Methylene Chloride	5.093	84	38593	16.985	ug/l	97
21) trans-1,2-Dichloroethene	5.592	96	33419	17.375	ug/l	96
22) Diisopropyl ether	6.492	45	116690	16.777	ug/l	94
23) Vinyl Acetate	6.428	43	506660	87.058	ug/l	97
24) 1,1-Dichloroethane	6.381	63	69775	17.777	ug/l	99
25) 2-Butanone	7.328	43	145145	82.988	ug/l	97
26) 2,2-Dichloropropane	7.316	77	66488	20.158	ug/l	95
27) cis-1,2-Dichloroethene	7.328	96	42139	18.224	ug/l	94
28) Bromochloromethane	7.657	49	29001	17.402	ug/l	95
29) Tetrahydrofuran	7.681	42	96133	84.573	ug/l	93
30) Chloroform	7.810	83	75595	18.932	ug/l	100
31) Cyclohexane	8.092	56	61279	16.527	ug/l	# 95
32) 1,1,1-Trichloroethane	8.010	97	74326	20.294	ug/l	96
36) 1,1-Dichloropropene	8.222	75	53013	19.732	ug/l	96
37) Ethyl Acetate	7.410	43	57608	17.872	ug/l	98
38) Carbon Tetrachloride	8.204	117	63923	21.259	ug/l	96
39) Methylcyclohexane	9.451	83	59035	19.552	ug/l	97
40) Benzene	8.457	78	149078	18.575	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	26423	16.555	ug/l	92
42) 1,2-Dichloroethane	8.528	62	68077	21.104	ug/l	95
43) Isopropyl Acetate	8.557	43	93894	18.964	ug/l	95
44) Trichloroethene	9.216	130	40953	20.101	ug/l	92
45) 1,2-Dichloropropane	9.486	63	37448	18.271	ug/l	97
46) Dibromomethane	9.569	93	28886	20.241	ug/l	94
47) Bromodichloromethane	9.757	83	60369	20.749	ug/l	97
48) Methyl methacrylate	9.557	41	39907	17.276	ug/l #	88
49) 1,4-Dioxane	9.563	88	16805	426.475	ug/l #	88
51) 4-Methyl-2-Pentanone	10.327	43	294270	95.717	ug/l	95
52) Toluene	10.504	92	95868	19.372	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	62120	20.976	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	63757	20.178	ug/l #	88
55) 1,1,2-Trichloroethane	10.892	97	39004	18.919	ug/l	96
56) Ethyl methacrylate	10.757	69	59191	20.033	ug/l #	85
57) 1,3-Dichloropropane	11.039	76	70777	20.161	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	83327	114.428	ug/l	100
59) 2-Hexanone	11.080	43	207096	96.069	ug/l	94
60) Dibromochloromethane	11.233	129	46588	21.273	ug/l	98
61) 1,2-Dibromoethane	11.339	107	41295	20.099	ug/l	99
64) Tetrachloroethene	10.969	164	36745	19.285	ug/l	95
65) Chlorobenzene	11.763	112	104962	19.408	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	43012	19.870	ug/l	97
67) Ethyl Benzene	11.839	91	185568	19.887	ug/l	98
68) m/p-Xylenes	11.951	106	143516	40.552	ug/l	92
69) o-Xylene	12.274	106	70283	20.212	ug/l	94
70) Styrene	12.292	104	108921	20.475	ug/l	95
71) Bromoform	12.451	173	33185	20.782	ug/l #	100
73) Isopropylbenzene	12.574	105	188066	19.960	ug/l	97
74) N-amyl acetate	12.386	43	59161	17.764	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.821	83	58299	17.044	ug/l	99
76) 1,2,3-Trichloropropane	12.880	75	56169m	18.935	ug/l	
77) Bromobenzene	12.857	156	44356	19.677	ug/l	98
78) n-propylbenzene	12.916	91	199501	19.787	ug/l	99
79) 2-Chlorotoluene	13.004	91	128427	19.390	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	156908	20.334	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	15983	17.975	ug/l #	83
82) 4-Chlorotoluene	13.098	91	120726	19.233	ug/l	97
83) tert-Butylbenzene	13.321	119	141732	20.980	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	155431	20.706	ug/l	95
85) sec-Butylbenzene	13.498	105	181729	20.171	ug/l	99
86) p-Isopropyltoluene	13.610	119	148552	21.168	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	76870	19.773	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	74718	19.319	ug/l	98
89) n-Butylbenzene	13.939	91	105441	19.655	ug/l	97
90) Hexachloroethane	14.204	117	27345	19.499	ug/l	92
91) 1,2-Dichlorobenzene	13.980	146	76746	19.766	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	12258	20.608	ug/l	85
93) 1,2,4-Trichlorobenzene	15.257	180	31289	21.273	ug/l	96
94) Hexachlorobutadiene	15.368	225	19827	20.360	ug/l	96
95) Naphthalene	15.504	128	84819	17.789	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	30715	20.839	ug/l	97

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

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