

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050522\
 Data File : VN072343.D
 Acq On : 05 May 2022 14:29
 Operator : JC\MD
 Sample : VN0505MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/06/2022
 Supervised By : Mahesh Dadoda 05/06/2022

Quant Time: May 06 01:36:02 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

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	242012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	406336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	363749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	148817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	175215	47.159	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.320%		
35) Dibromofluoromethane	8.016	113	132488	50.942	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.880%		
50) Toluene-d8	10.439	98	497626	48.694	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.380%		
62) 4-Bromofluorobenzene	12.727	95	164116	48.383	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	46233	16.932	ug/l	97
3) Chloromethane	2.299	50	50136	15.920	ug/l	97
4) Vinyl Chloride	2.440	62	42597	15.635	ug/l	98
5) Bromomethane	2.840	94	24933	17.669	ug/l	90
6) Chloroethane	3.004	64	24644	14.838	ug/l	99
7) Trichlorofluoromethane	3.369	101	81766	17.179	ug/l	100
8) Diethyl Ether	3.828	74	30668	17.794	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.210	101	45903	18.360	ug/l	99
10) Methyl Iodide	4.422	142	52333	17.244	ug/l #	89
11) Tert butyl alcohol	5.369	59	61193	100.222	ug/l	100
12) 1,1-Dichloroethene	4.187	96	40260	17.418	ug/l	89
13) Acrolein	4.040	56	39456	64.213	ug/l	96
14) Allyl chloride	4.840	41	84385	17.583	ug/l #	93
15) Acrylonitrile	5.545	53	169659	92.081	ug/l	98
16) Acetone	4.287	43	153144	95.603	ug/l	97
17) Carbon Disulfide	4.534	76	79789	14.928	ug/l #	95
18) Methyl Acetate	4.857	43	86694	19.335	ug/l	90
19) Methyl tert-butyl Ether	5.616	73	171928	18.976	ug/l	96
20) Methylene Chloride	5.093	84	53073	17.285	ug/l	90
21) trans-1,2-Dichloroethene	5.598	96	42072	16.507	ug/l	98
22) Diisopropyl ether	6.492	45	184360	18.650	ug/l	95
23) Vinyl Acetate	6.428	43	783907	94.422	ug/l	94
24) 1,1-Dichloroethane	6.387	63	97581	17.648	ug/l	99
25) 2-Butanone	7.334	43	248905	97.568	ug/l #	88
26) 2,2-Dichloropropane	7.322	77	83537	19.341	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	54452	17.524	ug/l	90
28) Bromochloromethane	7.651	49	47404	19.146	ug/l	83
29) Tetrahydrofuran	7.681	42	160761	96.023	ug/l	87
30) Chloroform	7.816	83	100140	18.037	ug/l	97
31) Cyclohexane	8.092	56	81442	16.405	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	87355	18.489	ug/l	97
36) 1,1-Dichloropropene	8.216	75	66440	17.551	ug/l	97
37) Ethyl Acetate	7.410	43	91980	18.296	ug/l #	97
38) Carbon Tetrachloride	8.204	117	73653	18.166	ug/l	97
39) Methylcyclohexane	9.457	83	72219	17.057	ug/l	95
40) Benzene	8.457	78	211356	18.000	ug/l	99

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41) Methacrylonitrile	7.628	41	47659	18.739	ug/l	89
42) 1,2-Dichloroethane	8.528	62	86357	19.210	ug/l	97
43) Isopropyl Acetate	8.557	43	141809	18.479	ug/l	96
44) Trichloroethene	9.210	130	49174	18.003	ug/l	90
45) 1,2-Dichloropropane	9.486	63	58123	18.318	ug/l	97
46) Dibromomethane	9.575	93	39080	19.661	ug/l	90
47) Bromodichloromethane	9.757	83	78996	18.941	ug/l	97
48) Methyl methacrylate	9.557	41	66978	20.169	ug/l	91
49) 1,4-Dioxane	9.569	88	23994	411.317	ug/l #	89
51) 4-Methyl-2-Pentanone	10.328	43	479211	101.025	ug/l	92
52) Toluene	10.498	92	130393	18.575	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	79843	19.045	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	85328	18.820	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	56362	19.149	ug/l	97
56) Ethyl methacrylate	10.757	69	86235	18.303	ug/l	88
57) 1,3-Dichloropropane	11.039	76	98223	19.017	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.039	63	86574	75.732	ug/l	94
59) 2-Hexanone	11.080	43	339836	101.685	ug/l	91
60) Dibromochloromethane	11.233	129	59061	19.623	ug/l	97
61) 1,2-Dibromoethane	11.345	107	54605	18.864	ug/l	98
64) Tetrachloroethene	10.975	164	43265	19.760	ug/l	90
65) Chlorobenzene	11.769	112	135358	18.417	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	55309	19.972	ug/l	97
67) Ethyl Benzene	11.839	91	241241	18.821	ug/l	97
68) m/p-Xylenes	11.951	106	183945	38.647	ug/l	95
69) o-Xylene	12.274	106	91402	19.809	ug/l	96
70) Styrene	12.292	104	144467	19.877	ug/l	96
71) Bromoform	12.451	173	40644	19.733	ug/l #	99
73) Isopropylbenzene	12.574	105	238086	18.114	ug/l	98
74) N-amyl acetate	12.386	43	89106	18.096	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.821	83	87599	19.091	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	68456m	20.117	ug/l	
77) Bromobenzene	12.857	156	54259	17.457	ug/l	87
78) n-propylbenzene	12.916	91	261194	18.039	ug/l	98
79) 2-Chlorotoluene	13.004	91	165153	17.365	ug/l	97
80) 1,3,5-Trimethylbenzene	13.051	105	198814	18.163	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	22371	17.382	ug/l	89
82) 4-Chlorotoluene	13.104	91	152790	17.258	ug/l	98
83) tert-Butylbenzene	13.316	119	178582	18.582	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	193300	18.252	ug/l	97
85) sec-Butylbenzene	13.498	105	231355	18.464	ug/l	100
86) p-Isopropyltoluene	13.610	119	185355	18.975	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	94517	18.788	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	90231	18.444	ug/l	96
89) n-Butylbenzene	13.939	91	138079	18.454	ug/l	97
90) Hexachloroethane	14.204	117	34798	16.410	ug/l	85
91) 1,2-Dichlorobenzene	13.986	146	95296	19.219	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	15168	16.686	ug/l	86
93) 1,2,4-Trichlorobenzene	15.257	180	35220	17.042	ug/l	99
94) Hexachlorobutadiene	15.368	225	24203	18.216	ug/l	98
95) Naphthalene	15.504	128	98126	15.935	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	35353	17.322	ug/l	99

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

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