

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
 Data File : VN072474.D
 Acq On : 13 May 2022 14:00
 Operator : JC\MD
 Sample : VN0513MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2022
 Supervised By : Mahesh Dadoda 05/16/2022

Quant Time: May 13 14:44:59 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	186627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	281568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	259429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	113895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	137001	47.927	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.860%		
35) Dibromofluoromethane	8.022	113	94679	50.542	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.080%		
50) Toluene-d8	10.439	98	338333	47.423	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.840%		
62) 4-Bromofluorobenzene	12.727	95	121122	51.120	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	41034	17.630	ug/l	92
3) Chloromethane	2.299	50	34988	15.146	ug/l	98
4) Vinyl Chloride	2.440	62	30604	15.442	ug/l	99
5) Bromomethane	2.816	94	24495	20.759	ug/l	96
6) Chloroethane	2.993	64	20751	19.088	ug/l	98
7) Trichlorofluoromethane	3.357	101	69143	18.824	ug/l	87
8) Diethyl Ether	3.822	74	22760	17.176	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.204	101	34934	17.429	ug/l	96
10) Methyl Iodide	4.416	142	42955	16.167	ug/l #	83
11) Tert butyl alcohol	5.369	59	41168	88.078	ug/l	99
12) 1,1-Dichloroethene	4.181	96	30062	16.007	ug/l	95
13) Acrolein	4.034	56	29900	65.383	ug/l	99
14) Allyl chloride	4.840	41	56130	16.053	ug/l	90
15) Acrylonitrile	5.545	53	105398	82.984	ug/l	99
16) Acetone	4.287	43	98340	86.868	ug/l	91
17) Carbon Disulfide	4.522	76	74289	15.253	ug/l	96
18) Methyl Acetate	4.857	43	57267	17.181	ug/l	98
19) Methyl tert-butyl Ether	5.610	73	126933	18.703	ug/l	95
20) Methylene Chloride	5.092	84	39744	17.122	ug/l	95
21) trans-1,2-Dichloroethene	5.598	96	34014	17.311	ug/l	99
22) Diisopropyl ether	6.492	45	119258	16.785	ug/l	97
23) Vinyl Acetate	6.428	43	509846	85.758	ug/l	96
24) 1,1-Dichloroethane	6.386	63	69254	17.272	ug/l	98
25) 2-Butanone	7.328	43	146093	81.768	ug/l	92
26) 2,2-Dichloropropane	7.316	77	63958	18.982	ug/l	96
27) cis-1,2-Dichloroethene	7.316	96	41226	17.453	ug/l	93
28) Bromochloromethane	7.657	49	27963	16.425	ug/l	97
29) Tetrahydrofuran	7.681	42	92517	79.675	ug/l	95
30) Chloroform	7.816	83	75755	18.572	ug/l	98
31) Cyclohexane	8.092	56	57468	15.172	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	71775	19.184	ug/l	98
36) 1,1-Dichloropropene	8.222	75	50209	18.661	ug/l	98
37) Ethyl Acetate	7.404	43	57629	17.852	ug/l	96
38) Carbon Tetrachloride	8.198	117	63225	20.996	ug/l	99
39) Methylcyclohexane	9.457	83	59024	19.520	ug/l	93
40) Benzene	8.457	78	147904	18.402	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	30917	19.342	ug/l #	89
42) 1,2-Dichloroethane	8.522	62	69359	21.470	ug/l	93
43) Isopropyl Acetate	8.557	43	96273	19.416	ug/l	96
44) Trichloroethene	9.216	130	39591	19.404	ug/l	98
45) 1,2-Dichloropropane	9.486	63	39125	19.061	ug/l	98
46) Dibromomethane	9.569	93	29243	20.461	ug/l	93
47) Bromodichloromethane	9.757	83	59951	20.575	ug/l	99
48) Methyl methacrylate	9.557	41	42544	18.391	ug/l	88
49) 1,4-Dioxane	9.563	88	16489	417.843	ug/l #	92
51) 4-Methyl-2-Pentanone	10.327	43	292325	94.945	ug/l	95
52) Toluene	10.498	92	97283	19.629	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	63124	21.284	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	64614	20.420	ug/l #	87
55) 1,1,2-Trichloroethane	10.892	97	39373	19.070	ug/l	97
56) Ethyl methacrylate	10.757	69	61241	20.696	ug/l #	87
57) 1,3-Dichloropropane	11.039	76	68366	19.446	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	89385	121.334	ug/l	98
59) 2-Hexanone	11.080	43	206274	95.548	ug/l	92
60) Dibromochloromethane	11.233	129	47034	21.445	ug/l	99
61) 1,2-Dibromoethane	11.339	107	41721	20.277	ug/l	97
64) Tetrachloroethene	10.974	164	36457	19.523	ug/l	98
65) Chlorobenzene	11.769	112	105478	19.900	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	44045	20.761	ug/l	95
67) Ethyl Benzene	11.839	91	184264	20.149	ug/l	98
68) m/p-Xylenes	11.951	106	140317	40.455	ug/l	89
69) o-Xylene	12.274	106	70854	20.791	ug/l	96
70) Styrene	12.292	104	110559	21.206	ug/l	95
71) Bromoform	12.457	173	34272	21.900	ug/l #	100
73) Isopropylbenzene	12.574	105	184294	19.532	ug/l	98
74) N-amyl acetate	12.386	43	61679	18.494	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.821	83	58600	17.107	ug/l	97
76) 1,2,3-Trichloropropane	12.874	75	47903m	16.126	ug/l	
77) Bromobenzene	12.857	156	43258	19.163	ug/l	94
78) n-propylbenzene	12.915	91	200707	19.879	ug/l	97
79) 2-Chlorotoluene	13.004	91	131965	19.896	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	157676	20.404	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.621	75	16159	18.147	ug/l #	82
82) 4-Chlorotoluene	13.104	91	121742	19.368	ug/l	96
83) tert-Butylbenzene	13.321	119	138193	20.428	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	152397	20.273	ug/l	96
85) sec-Butylbenzene	13.498	105	181523	20.120	ug/l	99
86) p-Isopropyltoluene	13.610	119	149019	21.204	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	77609	19.935	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	73991	19.104	ug/l	97
89) n-Butylbenzene	13.939	91	106855	19.891	ug/l	97
90) Hexachloroethane	14.204	117	27044	19.257	ug/l	94
91) 1,2-Dichlorobenzene	13.986	146	75195	19.339	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	12813	21.511	ug/l	82
93) 1,2,4-Trichlorobenzene	15.257	180	30948	21.012	ug/l	97
94) Hexachlorobutadiene	15.368	225	20835	21.365	ug/l	98
95) Naphthalene	15.504	128	86644	18.082	ug/l	98
96) 1,2,3-Trichlorobenzene	15.692	180	32197	21.813	ug/l	96

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

