

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050422\
 Data File : VN072327.D
 Acq On : 04 May 2022 14:50
 Operator : JC\MD
 Sample : VN0504MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504MBS01

Manual Integrations
 APPROVED

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

Quant Time: May 05 02:20:02 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	204739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	353555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	317453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	125099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	160730	51.136	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	102.280%	
35) Dibromofluoromethane	8.016	113	115756	51.153	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	102.300%	
50) Toluene-d8	10.439	98	453020	50.947	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	101.900%	
62) 4-Bromofluorobenzene	12.727	95	140847	47.721	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	95.440%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	42037	18.211	ug/l	99
3) Chloromethane	2.299	50	47241	17.825	ug/l	95
4) Vinyl Chloride	2.446	62	37347	16.204	ug/l	99
5) Bromomethane	2.840	94	23098	19.572	ug/l	90
6) Chloroethane	3.010	64	27637	20.227	ug/l	96
7) Trichlorofluoromethane	3.369	101	70085	17.406	ug/l	97
8) Diethyl Ether	3.828	74	27198	18.654	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.216	101	38513	18.209	ug/l	97
10) Methyl Iodide	4.422	142	44518	17.340	ug/l	90
11) Tert butyl alcohol	5.369	59	44510	86.170	ug/l	97
12) 1,1-Dichloroethene	4.187	96	35008	17.903	ug/l	92
13) Acrolein	4.040	56	40042	77.030	ug/l	97
14) Allyl chloride	4.840	41	72521	17.862	ug/l	95
15) Acrylonitrile	5.551	53	144590	92.761	ug/l	99
16) Acetone	4.287	43	119993	88.545	ug/l	98
17) Carbon Disulfide	4.528	76	73635	16.252	ug/l	99
18) Methyl Acetate	4.857	43	74330	19.596	ug/l #	89
19) Methyl tert-butyl Ether	5.616	73	143917	18.776	ug/l	98
20) Methylene Chloride	5.087	84	47502	18.287	ug/l	93
21) trans-1,2-Dichloroethene	5.593	96	38895	18.038	ug/l	94
22) Diisopropyl ether	6.498	45	172397	20.615	ug/l	96
23) Vinyl Acetate	6.428	43	701847	99.928	ug/l #	93
24) 1,1-Dichloroethane	6.387	63	88914	19.008	ug/l	98
25) 2-Butanone	7.334	43	197537	91.529	ug/l	92
26) 2,2-Dichloropropane	7.322	77	71082	19.453	ug/l	96
27) cis-1,2-Dichloroethene	7.316	96	49718	18.914	ug/l	92
28) Bromochloromethane	7.657	49	48008	22.920	ug/l #	75
29) Tetrahydrofuran	7.687	42	134580	95.019	ug/l #	86
30) Chloroform	7.816	83	90592	19.288	ug/l	98
31) Cyclohexane	8.092	56	74854	17.823	ug/l #	84
32) 1,1,1-Trichloroethane	8.016	97	77092	19.288	ug/l	97
36) 1,1-Dichloropropene	8.216	75	59258	17.990	ug/l	95
37) Ethyl Acetate	7.410	43	86518	19.779	ug/l #	96
38) Carbon Tetrachloride	8.204	117	65277	18.503	ug/l	99
39) Methylcyclohexane	9.457	83	61386	16.663	ug/l	89
40) Benzene	8.463	78	189427	18.540	ug/l	93

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41) Methacrylonitrile	7.634	41	42207	19.073	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	75357	19.266	ug/l	97
43) Isopropyl Acetate	8.557	43	127657	19.090	ug/l #	92
44) Trichloroethene	9.216	130	45177	19.008	ug/l	94
45) 1,2-Dichloropropane	9.486	63	51902	18.800	ug/l	99
46) Dibromomethane	9.575	93	33184	19.187	ug/l	92
47) Bromodichloromethane	9.757	83	70179	19.339	ug/l	97
48) Methyl methacrylate	9.557	41	59479	20.585	ug/l	89
49) 1,4-Dioxane	9.563	88	16129	317.768	ug/l #	87
51) 4-Methyl-2-Pentanone	10.328	43	407406	98.710	ug/l	92
52) Toluene	10.504	92	117663	19.264	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	69543	19.064	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	75253	19.075	ug/l #	88
55) 1,1,2-Trichloroethane	10.892	97	51323	20.040	ug/l	98
56) Ethyl methacrylate	10.757	69	73088	17.890	ug/l #	86
57) 1,3-Dichloropropane	11.039	76	88355	19.661	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.039	63	86591	84.403	ug/l	93
59) 2-Hexanone	11.080	43	280588	96.491	ug/l	90
60) Dibromochloromethane	11.233	129	50175	19.160	ug/l	97
61) 1,2-Dibromoethane	11.339	107	46734	18.555	ug/l	97
64) Tetrachloroethene	10.975	164	37523	19.636	ug/l	98
65) Chlorobenzene	11.769	112	117361	18.297	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	46475	19.229	ug/l	98
67) Ethyl Benzene	11.839	91	207191	18.522	ug/l	100
68) m/p-Xylenes	11.951	106	161710	38.931	ug/l	97
69) o-Xylene	12.275	106	79149	19.655	ug/l	96
70) Styrene	12.292	104	120788	19.043	ug/l	95
71) Bromoform	12.451	173	33124	18.427	ug/l #	97
73) Isopropylbenzene	12.574	105	204006	18.464	ug/l	97
74) N-amyl acetate	12.380	43	75622	18.269	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.822	83	75253	19.542	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	56228m	19.606	ug/l	
77) Bromobenzene	12.857	156	45823	17.538	ug/l	86
78) n-propylbenzene	12.916	91	223066	18.326	ug/l	97
79) 2-Chlorotoluene	13.004	91	143004	17.887	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	165102	17.943	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.622	75	18185	16.808	ug/l	89
82) 4-Chlorotoluene	13.098	91	135373	18.190	ug/l	95
83) tert-Butylbenzene	13.321	119	144784	17.921	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	159397	17.904	ug/l	98
85) sec-Butylbenzene	13.498	105	195297	18.542	ug/l	97
86) p-Isopropyltoluene	13.610	119	150580	18.338	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	78282	18.511	ug/l	97
88) 1,4-Dichlorobenzene	13.686	146	75786	18.428	ug/l	98
89) n-Butylbenzene	13.939	91	112617	17.905	ug/l	97
90) Hexachloroethane	14.204	117	29138	16.346	ug/l	82
91) 1,2-Dichlorobenzene	13.986	146	79315	19.029	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	12004	15.709	ug/l	83
93) 1,2,4-Trichlorobenzene	15.257	180	26983	15.746	ug/l	97
94) Hexachlorobutadiene	15.368	225	17914	16.039	ug/l	98
95) Naphthalene	15.504	128	73848	14.717	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	27525	16.240	ug/l	99

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

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