

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
 Data File : VN071420.D
 Acq On : 21 Mar 2022 15:15
 Operator : JC\MD
 Sample : VN0321MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

Quant Time: Mar 21 16:26:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	567202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	930995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	828117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	321944	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	462290	59.468	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 118.940%	
35) Dibromofluoromethane	8.016	113	340882	58.023	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 116.040%	
50) Toluene-d8	10.439	98	1330480	56.247	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 112.500%	
62) 4-Bromofluorobenzene	12.727	95	452331	56.472	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 112.940%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	100928	16.236	ug/l	98
3) Chloromethane	2.299	50	142751	17.082	ug/l	98
4) Vinyl Chloride	2.440	62	128500	16.867	ug/l	97
5) Bromomethane	2.834	94	67655	15.801	ug/l	94
6) Chloroethane	3.010	64	79283	17.185	ug/l	92
7) Trichlorofluoromethane	3.369	101	180119	17.963	ug/l	100
8) Diethyl Ether	3.828	74	82967	19.336	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.210	101	104389	17.984	ug/l	96
10) Methyl Iodide	4.422	142	132880	16.208	ug/l	100
11) Tert butyl alcohol	5.357	59	162461	106.384	ug/l	98
12) 1,1-Dichloroethene	4.175	96	98625	17.344	ug/l	90
13) Acrolein	4.040	56	77908	48.199	ug/l	100
14) Allyl chloride	4.840	41	226346	18.301	ug/l #	86
15) Acrylonitrile	5.551	53	466679	102.918	ug/l	99
16) Acetone	4.281	43	403909	106.785	ug/l	99
17) Carbon Disulfide	4.528	76	233935	14.450	ug/l	98
18) Methyl Acetate	4.851	43	230992	22.995	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	433353	20.298	ug/l	95
20) Methylene Chloride	5.087	84	132089	19.343	ug/l	89
21) trans-1,2-Dichloroethene	5.598	96	109266	17.567	ug/l	84
22) Diisopropyl ether	6.493	45	488134	20.034	ug/l	92
23) Vinyl Acetate	6.428	43	2105430	102.069	ug/l	98
24) 1,1-Dichloroethane	6.387	63	245968	19.104	ug/l	98
25) 2-Butanone	7.328	43	663094	108.828	ug/l	93
26) 2,2-Dichloropropane	7.322	77	193057	19.436	ug/l	96
27) cis-1,2-Dichloroethene	7.328	96	137959	18.689	ug/l	90
28) Bromochloromethane	7.651	49	106808	18.629	ug/l #	79
29) Tetrahydrofuran	7.681	42	453327	107.394	ug/l	91
30) Chloroform	7.810	83	237121	19.310	ug/l	100
31) Cyclohexane	8.092	56	218635	17.612	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	198153	18.944	ug/l	97
36) 1,1-Dichloropropene	8.216	75	164239	17.448	ug/l	96
37) Ethyl Acetate	7.404	43	259615	20.041	ug/l	99
38) Carbon Tetrachloride	8.204	117	163788	17.989	ug/l	99
39) Methylcyclohexane	9.457	83	196126	17.711	ug/l	91
40) Benzene	8.457	78	532046	18.760	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	119602	18.866	ug/l	92
42) 1,2-Dichloroethane	8.528	62	196721	19.933	ug/l	99
43) Isopropyl Acetate	8.557	43	402349	20.769	ug/l	95
44) Trichloroethene	9.210	130	125211	18.712	ug/l	98
45) 1,2-Dichloropropane	9.486	63	148498	19.506	ug/l	100
46) Dibromomethane	9.575	93	92603	19.762	ug/l	96
47) Bromodichloromethane	9.757	83	178842	18.886	ug/l	98
48) Methyl methacrylate	9.557	41	181342	20.200	ug/l #	84
49) 1,4-Dioxane	9.563	88	68265	437.463	ug/l #	86
51) 4-Methyl-2-Pentanone	10.328	43	1296162	107.811	ug/l	100
52) Toluene	10.504	92	328744	18.824	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	197446	18.915	ug/l	95
54) cis-1,3-Dichloropropene	10.186	75	218426	19.151	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	137265	19.615	ug/l	98
56) Ethyl methacrylate	10.757	69	226791	19.845	ug/l	90
57) 1,3-Dichloropropane	11.039	76	246857	19.653	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	228244	112.333	ug/l	94
59) 2-Hexanone	11.080	43	947826	115.545	ug/l	99
60) Dibromochloromethane	11.233	129	132747	19.092	ug/l	99
61) 1,2-Dibromoethane	11.345	107	138136	19.314	ug/l	97
64) Tetrachloroethene	10.975	164	105080	18.194	ug/l	97
65) Chlorobenzene	11.769	112	341392	19.196	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	128525	19.709	ug/l	99
67) Ethyl Benzene	11.839	91	609422	19.381	ug/l	96
68) m/p-Xylenes	11.951	106	457077	39.734	ug/l	98
69) o-Xylene	12.275	106	233228	20.226	ug/l	98
70) Styrene	12.292	104	364440	20.418	ug/l	96
71) Bromoform	12.451	173	100655	20.325	ug/l #	100
73) Isopropylbenzene	12.575	105	597950	19.267	ug/l	99
74) N-amyl acetate	12.380	43	257493	22.066	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	226226	23.154	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	202072m	24.455	ug/l	
77) Bromobenzene	12.857	156	141994	19.621	ug/l	78
78) n-propylbenzene	12.916	91	643252	19.315	ug/l	97
79) 2-Chlorotoluene	13.004	91	403774	18.888	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	476278	19.726	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	61043	20.496	ug/l	96
82) 4-Chlorotoluene	13.098	91	379822	19.947	ug/l	93
83) tert-Butylbenzene	13.322	119	432369	20.066	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	470435	20.341	ug/l	98
85) sec-Butylbenzene	13.498	105	577732	20.172	ug/l	98
86) p-Isopropyltoluene	13.610	119	457018	20.290	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	224726	19.111	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	218642	19.022	ug/l	97
89) n-Butylbenzene	13.939	91	345687	19.622	ug/l	96
90) Hexachloroethane	14.204	117	86671	19.350	ug/l	85
91) 1,2-Dichlorobenzene	13.986	146	224831	19.888	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	38783	21.478	ug/l	89
93) 1,2,4-Trichlorobenzene	15.263	180	104002	21.522	ug/l	96
94) Hexachlorobutadiene	15.368	225	61947	19.519	ug/l	100
95) Naphthalene	15.504	128	317780	24.417	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	101932	21.797	ug/l	97

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

