

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070066.D
 Acq On : 14 Dec 2021 13:01
 Operator : JC/MD
 Sample : VN1214MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2021
 Supervised By : Mahesh Dadoda 12/21/2021

Quant Time: Dec 14 17:10:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	894954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1455652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1320556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	563107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	684906	49.566	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.140%		
35) Dibromofluoromethane	8.021	113	466746	51.190	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.380%		
50) Toluene-d8	10.440	98	1787746	48.830	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.660%		
62) 4-Bromofluorobenzene	12.731	95	624931	47.117	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	193472	18.535	ug/l	99
3) Chloromethane	2.303	50	237358	18.150	ug/l	100
4) Vinyl Chloride	2.445	62	210805	17.531	ug/l	98
5) Bromomethane	2.858	94	122051	18.683	ug/l	100
6) Chloroethane	3.019	64	133388	18.102	ug/l	97
7) Trichlorofluoromethane	3.373	101	284505	18.028	ug/l	99
8) Diethyl Ether	3.819	74	123158	20.262	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.210	101	178138	20.137	ug/l	96
10) Methyl Iodide	4.419	142	227130	18.794	ug/l	98
11) Tert butyl alcohol	5.374	59	219743	84.130	ug/l	98
12) 1,1-Dichloroethene	4.178	96	159622	18.724	ug/l	86
13) Acrolein	4.039	56	175395	78.854	ug/l	97
14) Allyl chloride	4.838	41	375789	19.563	ug/l #	91
15) Acrylonitrile	5.554	53	672835	95.596	ug/l	99
16) Acetone	4.288	43	775937	93.349	ug/l	98
17) Carbon Disulfide	4.527	76	415890	18.884	ug/l	99
18) Methyl Acetate	4.857	43	472264	18.823	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	654926	19.758	ug/l	95
20) Methylene Chloride	5.093	84	208427	18.862	ug/l #	86
21) trans-1,2-Dichloroethene	5.594	96	172608	18.642	ug/l #	84
22) Diisopropyl ether	6.498	45	790013	21.041	ug/l	95
23) Vinyl Acetate	6.434	43	3072792	100.596	ug/l #	93
24) 1,1-Dichloroethane	6.385	63	392988	20.206	ug/l	99
25) 2-Butanone	7.337	43	1027362	90.966	ug/l	91
26) 2,2-Dichloropropane	7.327	77	275971	18.250	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	213339	19.070	ug/l	84
28) Bromochloromethane	7.656	49	201347	19.908	ug/l #	76
29) Tetrahydrofuran	7.686	42	651956	95.066	ug/l	87
30) Chloroform	7.817	83	393713	20.044	ug/l	98
31) Cyclohexane	8.094	56	370734	19.279	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	319781	19.112	ug/l	95
36) 1,1-Dichloropropene	8.220	75	276839	19.978	ug/l	96
37) Ethyl Acetate	7.415	43	388424	18.833	ug/l	95
38) Carbon Tetrachloride	8.206	117	267255	19.667	ug/l	100
39) Methylcyclohexane	9.459	83	315094	19.116	ug/l	89
40) Benzene	8.458	78	852820	20.134	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	204632	21.135	ug/l #	86
42) 1,2-Dichloroethane	8.531	62	351872	20.579	ug/l	96
43) Isopropyl Acetate	8.560	43	589900	19.327	ug/l #	94
44) Trichloroethene	9.215	130	194170	19.206	ug/l	91
45) 1,2-Dichloropropane	9.491	63	235804	20.731	ug/l	100
46) Dibromomethane	9.577	93	152785	20.482	ug/l	92
47) Bromodichloromethane	9.762	83	306400	21.694	ug/l	99
48) Methyl methacrylate	9.558	41	272542	19.134	ug/l	84
49) 1,4-Dioxane	9.571	88	94470	369.637	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	1988208	100.414	ug/l	94
52) Toluene	10.505	92	515031	19.917	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	295361	19.207	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	328542	19.688	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	212898	20.405	ug/l	97
56) Ethyl methacrylate	10.762	69	333286	18.437	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	373090	20.308	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	329896	75.877	ug/l	91
59) 2-Hexanone	11.087	43	1402614	93.644	ug/l	92
60) Dibromochloromethane	11.237	129	211983	20.437	ug/l	99
61) 1,2-Dibromoethane	11.347	107	207982	19.245	ug/l	98
64) Tetrachloroethene	10.977	164	176144	19.672	ug/l	96
65) Chlorobenzene	11.771	112	533073	19.898	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	192661	20.432	ug/l	100
67) Ethyl Benzene	11.843	91	988752	20.318	ug/l	95
68) m/p-Xylenes	11.953	106	724454	40.886	ug/l	92
69) o-Xylene	12.280	106	356627	19.982	ug/l	91
70) Styrene	12.294	104	572849	20.241	ug/l	95
71) Bromoform	12.457	173	152263	20.580	ug/l #	100
73) Isopropylbenzene	12.578	105	945272	18.867	ug/l	98
74) N-amyl acetate	12.387	43	396697	17.904	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	334994	19.336	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	300994m	18.639	ug/l	
77) Bromobenzene	12.862	156	216283	18.379	ug/l	77
78) n-propylbenzene	12.921	91	1073666	19.258	ug/l	95
79) 2-Chlorotoluene	13.007	91	667123	18.938	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	771670	19.136	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	76226	18.255	ug/l	87
82) 4-Chlorotoluene	13.106	91	646668	19.520	ug/l	92
83) tert-Butylbenzene	13.323	119	671118	18.795	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	757283	19.719	ug/l	97
85) sec-Butylbenzene	13.501	105	921828	19.033	ug/l	97
86) p-Isopropyltoluene	13.616	119	724913	19.148	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	377209	19.511	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	366207	19.275	ug/l	97
89) n-Butylbenzene	13.943	91	573540	18.676	ug/l	98
90) Hexachloroethane	14.211	117	122953	18.498	ug/l	89
91) 1,2-Dichlorobenzene	13.989	146	369172	19.598	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	56747	18.126	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	160654	19.266	ug/l	97
94) Hexachlorobutadiene	15.370	225	100804	20.192	ug/l	98
95) Naphthalene	15.507	128	417985	17.963	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	160422	19.384	ug/l	98

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

