

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
 Data File : VN070003.D
 Acq On : 11 Dec 2021 12:48
 Operator : JC/MD
 Sample : VN1211MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 12 16:18:04 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	955167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1587738	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1448861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	580778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	756133	51.271	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.540%			
35) Dibromofluoromethane	8.021	113	532224	53.515	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.040%			
50) Toluene-d8	10.443	98	2031699	50.877	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.760%			
62) 4-Bromofluorobenzene	12.731	95	684463	47.312	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.620%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	203147	18.235	ug/l	98
3) Chloromethane	2.303	50	258747	18.539	ug/l	99
4) Vinyl Chloride	2.445	62	234150	18.245	ug/l	99
5) Bromomethane	2.850	94	131211	18.819	ug/l	97
6) Chloroethane	3.017	64	142686	18.144	ug/l	99
7) Trichlorofluoromethane	3.373	101	315249	18.716	ug/l	97
8) Diethyl Ether	3.824	74	126696	19.530	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.205	101	184843	19.577	ug/l #	69
10) Methyl Iodide	4.422	142	225497	17.482	ug/l	97
11) Tert butyl alcohol	5.385	59	248476	89.133	ug/l #	84
12) 1,1-Dichloroethene	4.181	96	171403	18.839	ug/l	89
13) Acrolein	4.041	56	246375	103.782	ug/l	98
14) Allyl chloride	4.838	41	407876	19.895	ug/l #	91
15) Acrylonitrile	5.557	53	727786	96.885	ug/l	99
16) Acetone	4.291	43	893632	100.731	ug/l	96
17) Carbon Disulfide	4.527	76	473462	20.143	ug/l	98
18) Methyl Acetate	4.859	43	519415	19.397	ug/l	91
19) Methyl tert-butyl Ether	5.621	73	672645	19.014	ug/l	93
20) Methylene Chloride	5.095	84	220511	18.698	ug/l	86
21) trans-1,2-Dichloroethene	5.599	96	187084	18.931	ug/l	86
22) Diisopropyl ether	6.501	45	821881	20.510	ug/l #	95
23) Vinyl Acetate	6.436	43	2943820	90.298	ug/l #	93
24) 1,1-Dichloroethane	6.388	63	419480	20.208	ug/l	98
25) 2-Butanone	7.340	43	1161155	96.331	ug/l	90
26) 2,2-Dichloropropane	7.324	77	324613	20.113	ug/l	96
27) cis-1,2-Dichloroethene	7.329	96	226934	19.007	ug/l	85
28) Bromochloromethane	7.657	49	191365	17.728	ug/l #	76
29) Tetrahydrofuran	7.689	42	704398	96.238	ug/l	87
30) Chloroform	7.820	83	422519	20.154	ug/l	99
31) Cyclohexane	8.094	56	389228	18.965	ug/l	87
32) 1,1,1-Trichloroethane	8.016	97	357228	20.005	ug/l	94
36) 1,1-Dichloropropene	8.222	75	285618	18.897	ug/l	97
37) Ethyl Acetate	7.415	43	415588	18.474	ug/l	95
38) Carbon Tetrachloride	8.209	117	306142	20.655	ug/l	100
39) Methylcyclohexane	9.461	83	324828	18.067	ug/l	88
40) Benzene	8.461	78	895009	19.372	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	210791	19.960	ug/l	89
42) 1,2-Dichloroethane	8.531	62	366013	19.625	ug/l	96
43) Isopropyl Acetate	8.563	43	662689	19.906	ug/l #	92
44) Trichloroethene	9.217	130	203068	18.416	ug/l	88
45) 1,2-Dichloropropane	9.491	63	247671	19.963	ug/l	97
46) Dibromomethane	9.579	93	162889	20.020	ug/l	92
47) Bromodichloromethane	9.762	83	337240	21.891	ug/l	98
48) Methyl methacrylate	9.561	41	300212	19.323	ug/l	85
49) 1,4-Dioxane	9.571	88	102301	366.978	ug/l #	87
51) 4-Methyl-2-Pentanone	10.333	43	2174291	100.676	ug/l	93
52) Toluene	10.507	92	540430	19.160	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	338430	20.036	ug/l	96
54) cis-1,3-Dichloropropene	10.191	75	365218	20.027	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	223291	19.621	ug/l	95
56) Ethyl methacrylate	10.762	69	353492	17.991	ug/l #	82
57) 1,3-Dichloropropane	11.047	76	395428	19.733	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	390209	80.731	ug/l	90
59) 2-Hexanone	11.087	43	1565233	95.807	ug/l	92
60) Dibromochloromethane	11.240	129	244988	21.513	ug/l	99
61) 1,2-Dibromoethane	11.347	107	224202	19.020	ug/l	100
64) Tetrachloroethene	10.979	164	171664	17.473	ug/l	95
65) Chlorobenzene	11.771	112	559562	19.037	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	220341	21.298	ug/l	100
67) Ethyl Benzene	11.846	91	1027523	19.245	ug/l	95
68) m/p-Xylenes	11.953	106	749012	38.529	ug/l	91
69) o-Xylene	12.280	106	373363	19.067	ug/l	92
70) Styrene	12.296	104	603046	19.421	ug/l	96
71) Bromoform	12.460	173	181658	22.140	ug/l #	100
73) Isopropylbenzene	12.581	105	962599	18.629	ug/l	99
74) N-amyl acetate	12.390	43	429480	18.794	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	362485	20.286	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	318063m	19.097	ug/l	
77) Bromobenzene	12.862	156	228082	18.792	ug/l	77
78) n-propylbenzene	12.921	91	1093826	19.023	ug/l	95
79) 2-Chlorotoluene	13.010	91	681498	18.757	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	795141	19.118	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	99860	22.090	ug/l	96
82) 4-Chlorotoluene	13.106	91	642921	18.816	ug/l	93
83) tert-Butylbenzene	13.323	119	687059	18.656	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	770823	19.461	ug/l	97
85) sec-Butylbenzene	13.503	105	930862	18.635	ug/l	97
86) p-Isopropyltoluene	13.619	119	727767	18.639	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	376541	18.884	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	361964	18.472	ug/l	97
89) n-Butylbenzene	13.943	91	566495	17.885	ug/l	98
90) Hexachloroethane	14.211	117	159927	23.329	ug/l	86
91) 1,2-Dichlorobenzene	13.991	146	368377	18.961	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	66688	20.654	ug/l	77
93) 1,2,4-Trichlorobenzene	15.265	180	150816	17.794	ug/l	98
94) Hexachlorobutadiene	15.370	225	99576	19.339	ug/l	100
95) Naphthalene	15.509	128	376306	16.187	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	145655	17.356	ug/l	98

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

