

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
 Data File : VN070248.D
 Acq On : 20 Dec 2021 18:26
 Operator : JC/MD
 Sample : VN1220MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/21/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 21 04:06:00 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	1065549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1771681	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1629837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	655484	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	761957	46.31	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.62%		
35) Dibromofluoromethane	8.021	113	522047	47.04	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.08%		
50) Toluene-d8	10.441	98	2074762	46.56	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.12%		
62) 4-Bromofluorobenzene	12.731	95	753176	46.66	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.32%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	166813	13.42	ug/l	100
3) Chloromethane	2.303	50	204079	13.11	ug/l	100
4) Vinyl Chloride	2.448	62	190576	13.31	ug/l	100
5) Bromomethane	2.856	94	114320	14.70	ug/l	99
6) Chloroethane	3.020	64	120133	13.69	ug/l	100
7) Trichlorofluoromethane	3.376	101	260293	13.85	ug/l	96
8) Diethyl Ether	3.824	74	118575	16.38	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.210	101	165357	15.70	ug/l	97
10) Methyl Iodide	4.420	142	202855	14.10	ug/l	98
11) Tert butyl alcohol	5.382	59	223103	71.74	ug/l	99
12) 1,1-Dichloroethene	4.178	96	151755	14.95	ug/l	88
13) Acrolein	4.041	56	219905	83.04	ug/l	99
14) Allyl chloride	4.841	41	341986	14.95	ug/l #	92
15) Acrylonitrile	5.554	53	650104	77.58	ug/l	99
16) Acetone	4.288	43	687273	69.44	ug/l	97
17) Carbon Disulfide	4.532	76	287251	10.95	ug/l	99
18) Methyl Acetate	4.857	43	454096	15.20	ug/l	91
19) Methyl tert-butyl Ether	5.621	73	681155	17.26	ug/l	95
20) Methylene Chloride	5.095	84	201023	15.28	ug/l #	86
21) trans-1,2-Dichloroethene	5.600	96	160881	14.59	ug/l	87
22) Diisopropyl ether	6.498	45	775171	17.34	ug/l	94
23) Vinyl Acetate	6.434	43	2934431	80.69	ug/l	95
24) 1,1-Dichloroethane	6.388	63	379282	16.38	ug/l	98
25) 2-Butanone	7.337	43	1006167	74.83	ug/l	92
26) 2,2-Dichloropropane	7.324	77	281746	15.65	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	211532	15.88	ug/l	85
28) Bromochloromethane	7.659	49	196648	16.33	ug/l #	78
29) Tetrahydrofuran	7.686	42	634756	77.74	ug/l	88
30) Chloroform	7.818	83	382825	16.37	ug/l	99
31) Cyclohexane	8.094	56	351553	15.35	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	310477	15.59	ug/l	97
36) 1,1-Dichloropropene	8.223	75	257125	15.25	ug/l	97
37) Ethyl Acetate	7.413	43	386138	15.38	ug/l	95
38) Carbon Tetrachloride	8.206	117	239280	14.47	ug/l	98
39) Methylcyclohexane	9.459	83	294058	14.66	ug/l	88
40) Benzene	8.461	78	830761	16.11	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	200390	17.01	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	338851	16.28	ug/l	97
43) Isopropyl Acetate	8.560	43	596002	16.04	ug/l #	93
44) Trichloroethene	9.215	130	190667	15.50	ug/l	92
45) 1,2-Dichloropropane	9.488	63	227059	16.40	ug/l	99
46) Dibromomethane	9.577	93	138227	15.22	ug/l	95
47) Bromodichloromethane	9.762	83	265906	15.47	ug/l	99
48) Methyl methacrylate	9.561	41	268632	15.50	ug/l	88
49) 1,4-Dioxane	9.569	88	90768	291.80	ug/l #	87
51) 4-Methyl-2-Pentanone	10.331	43	1994739	82.77	ug/l	96
52) Toluene	10.505	92	507851	16.14	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	280785	15.61	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	313186	15.85	ug/l	90
55) 1,1,2-Trichloroethane	10.896	97	210742	16.60	ug/l	97
56) Ethyl methacrylate	10.762	69	345355	16.04	ug/l #	89
57) 1,3-Dichloropropane	11.044	76	367804	16.45	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	510088	91.42	ug/l	91
59) 2-Hexanone	11.084	43	1413530	77.54	ug/l	94
60) Dibromochloromethane	11.237	129	182332	15.14	ug/l	99
61) 1,2-Dibromoethane	11.344	107	208732	15.87	ug/l	99
64) Tetrachloroethene	10.977	164	176501	15.97	ug/l	95
65) Chlorobenzene	11.768	112	540191	16.34	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.841	131	182381	15.67	ug/l	99
67) Ethyl Benzene	11.843	91	1006976	16.77	ug/l	96
68) m/p-Xylenes	11.953	106	709663	32.45	ug/l	90
69) o-Xylene	12.280	106	362165	16.44	ug/l	90
70) Styrene	12.294	104	576673	16.51	ug/l	95
71) Bromoform	12.457	173	124563	14.56	ug/l #	100
73) Isopropylbenzene	12.578	105	965857	16.56	ug/l	98
74) N-amyl acetate	12.388	43	387660	15.03	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	325871	16.16	ug/l	100
76) 1,2,3-Trichloropropane	12.878	75	311617m	16.58	ug/l	
77) Bromobenzene	12.860	156	216820	15.83	ug/l	78
78) n-propylbenzene	12.919	91	1037877	15.99	ug/l	96
79) 2-Chlorotoluene	13.007	91	660802	16.11	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	786722	16.76	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	67963	14.93	ug/l #	85
82) 4-Chlorotoluene	13.104	91	614992	15.95	ug/l	92
83) tert-Butylbenzene	13.324	119	682292	16.42	ug/l	93
84) 1,2,4-Trimethylbenzene	13.367	105	775139	17.34	ug/l	98
85) sec-Butylbenzene	13.501	105	911211	16.16	ug/l	97
86) p-Isopropyltoluene	13.616	119	722222	16.39	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	358537	15.93	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	342201	15.47	ug/l	95
89) n-Butylbenzene	13.941	91	571786	15.99	ug/l	97
90) Hexachloroethane	14.209	117	105182	13.59	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	353058	16.10	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	51828	14.22	ug/l	84
93) 1,2,4-Trichlorobenzene	15.263	180	162762	17.14	ug/l	98
94) Hexachlorobutadiene	15.367	225	98320	16.92	ug/l	99
95) Naphthalene	15.504	128	529414	19.19	ug/l	99
96) 1,2,3-Trichlorobenzene	15.697	180	162121	17.15	ug/l	97

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

