

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022521\
 Data File : VN066021.D
 Acq On : 25 Feb 2021 12:19
 Operator : JC/MD
 Sample : VN0225MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225MBS01

Manual Integrations
 APPROVED

MMDadoda
 2/26/2021 11:47:20 AM

Quant Time: Feb 26 01:17:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	96481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	160077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	147536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	67664	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	70617	52.34	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.68%			
35) Dibromofluoromethane	7.550	113	49378	49.84	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.68%			
50) Toluene-d8	10.055	98	190223	46.78	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 93.56%			
62) 4-Bromofluorobenzene	12.373	95	72826	47.70	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.40%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.853	85	20735	16.42	ug/l	99
3) Chloromethane	2.055	50	24257	15.33	ug/l	99
4) Vinyl Chloride	2.184	62	23949	15.36	ug/l	100
5) Bromomethane	2.554	94	16529	17.31	ug/l	96
6) Chloroethane	2.692	64	13635	15.50	ug/l	94
7) Trichlorofluoromethane	3.007	101	36084	18.59	ug/l	100
8) Diethyl Ether	3.389	74	12724	17.86	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.734	101	17768	17.30	ug/l	98
10) Methyl Iodide	3.926	142	25079	15.64	ug/l	95
11) Tert butyl alcohol	4.746	59	21130	112.63	ug/l	98
12) 1,1-Dichloroethene	3.711	96	18463	17.04	ug/l	97
13) Acrolein	3.579	56	17412	101.42	ug/l	98
14) Allyl chloride	4.290	41	31889	17.24	ug/l	99
15) Acrylonitrile	4.942	53	45541	87.54	ug/l	100
16) Acetone	3.788	43	40142	93.71	ug/l	94
17) Carbon Disulfide	4.023	76	50910	16.49	ug/l	98
18) Methyl Acetate	4.290	43	21206	19.02	ug/l	98
19) Methyl tert-butyl Ether	5.004	73	70018	20.08	ug/l	97
20) Methylene Chloride	4.515	84	21287	17.02	ug/l	95
21) trans-1,2-Dichloroethene	5.000	96	20062	17.62	ug/l	96
22) Diisopropyl ether	5.904	45	62148	16.80	ug/l	94
23) Vinyl Acetate	5.849	43	262289	90.37	ug/l	100
24) 1,1-Dichloroethane	5.804	63	37783	17.67	ug/l	99
25) 2-Butanone	6.788	43	59076	88.46	ug/l	98
26) 2,2-Dichloropropane	6.778	77	35848	21.38	ug/l	94
27) cis-1,2-Dichloroethene	6.785	96	24150	18.62	ug/l	96
28) Bromochloromethane	7.155	49	15304	15.53	ug/l #	100
29) Tetrahydrofuran	7.167	42	38457	83.64	ug/l	95
30) Chloroform	7.331	83	40536	19.19	ug/l	97
31) Cyclohexane	7.614	56	32506	16.16	ug/l #	95
32) 1,1,1-Trichloroethane	7.531	97	36909	20.84	ug/l	99
36) 1,1-Dichloropropene	7.753	75	29351	18.60	ug/l	97
37) Ethyl Acetate	6.885	43	23579	16.54	ug/l #	94
38) Carbon Tetrachloride	7.737	117	30269	20.63	ug/l	96
39) Methylcyclohexane	9.045	83	31894	17.98	ug/l	96
40) Benzene	8.003	78	86466	17.85	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.122	41	11060	16.03	ug/l #	100
42) 1,2-Dichloroethane	8.087	62	33701	21.18	ug/l	96
43) Isopropyl Acetate	8.122	43	45441	20.00	ug/l	93
44) Trichloroethene	8.801	130	23820	19.89	ug/l	99
45) 1,2-Dichloropropane	9.084	63	22044	17.78	ug/l	97
46) Dibromomethane	9.174	93	14776	19.56	ug/l	96
47) Bromodichloromethane	9.367	83	33155	21.56	ug/l	99
48) Methyl methacrylate	9.161	41	21249	18.46	ug/l	97
49) 1,4-Dioxane	9.164	88	7992	407.53	ug/l	93
51) 4-Methyl-2-Pentanone	9.949	43	124510	90.08	ug/l	98
52) Toluene	10.119	92	55325	18.60	ug/l	96
53) t-1,3-Dichloropropene	10.347	75	37653	20.99	ug/l	97
54) cis-1,3-Dichloropropene	9.804	75	38917	20.41	ug/l	94
55) 1,1,2-Trichloroethane	10.527	97	21303	19.14	ug/l	97
56) Ethyl methacrylate	10.396	69	32680	19.53	ug/l	99
57) 1,3-Dichloropropane	10.672	76	36538	18.62	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.659	63	60885	76.20	ug/l	96
59) 2-Hexanone	10.720	43	85687	87.03	ug/l	99
60) Dibromochloromethane	10.871	129	24022	21.12	ug/l	99
61) 1,2-Dibromoethane	10.974	107	22042	19.49	ug/l	100
64) Tetrachloroethene	10.598	164	23721	20.83	ug/l	93
65) Chlorobenzene	11.402	112	58533	18.97	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.479	131	22670	21.39	ug/l	98
67) Ethyl Benzene	11.479	91	105537	18.90	ug/l	97
68) m/p-Xylenes	11.592	106	81076	38.91	ug/l	97
69) o-Xylene	11.920	106	39629	19.72	ug/l	99
70) Styrene	11.936	104	63081	19.07	ug/l	95
71) Bromoform	12.097	173	15690	20.95	ug/l #	97
73) Isopropylbenzene	12.219	105	102979	18.65	ug/l	99
74) N-amyl acetate	12.042	43	27791	14.51	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.476	83	29351	18.01	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	29999m	18.46	ug/l	
77) Bromobenzene	12.495	156	24138	19.10	ug/l	87
78) n-propylbenzene	12.563	91	110892	17.66	ug/l	99
79) 2-Chlorotoluene	12.646	91	71054	18.05	ug/l	97
80) 1,3,5-Trimethylbenzene	12.704	105	90681	19.33	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.270	75	9386	18.40	ug/l	93
82) 4-Chlorotoluene	12.743	91	73455	18.48	ug/l	98
83) tert-Butylbenzene	12.965	119	73221	18.89	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	90621	19.24	ug/l	99
85) sec-Butylbenzene	13.142	105	90824	18.05	ug/l	100
86) p-Isopropyltoluene	13.260	119	85563	18.73	ug/l	97
87) 1,3-Dichlorobenzene	13.254	146	42429	18.97	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	42198	18.47	ug/l	94
89) n-Butylbenzene	13.585	91	70264	18.24	ug/l	99
90) Hexachloroethane	13.846	117	11229	14.52	ug/l	98
91) 1,2-Dichlorobenzene	13.624	146	43537	19.41	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.238	75	6965	22.17	ug/l	82
93) 1,2,4-Trichlorobenzene	14.881	180	23534	20.95	ug/l	98
94) Hexachlorobutadiene	14.977	225	10866	20.88	ug/l	99
95) Naphthalene	15.100	128	76129	21.27	ug/l	98
96) 1,2,3-Trichlorobenzene	15.280	180	24542	21.60	ug/l	99

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

