

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021021\
 Data File : VN065795.D
 Acq On : 10 Feb 2021 13:27
 Operator : JC/MD
 Sample : VN0210MBS01
 Misc : 5.00mLg/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0210MBS01

Manual Integrations
 APPROVED

MMDadoda
 2/11/2021 1:17:41 PM

Quant Time: Feb 11 01:24:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	131020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	219758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	198426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	86551	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	74472	43.21	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 86.42%			
35) Dibromofluoromethane	7.547	113	66037	50.71	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.42%			
50) Toluene-d8	10.058	98	250591	48.95	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.90%			
62) 4-Bromofluorobenzene	12.373	95	91062	49.40	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.80%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.836	85	30114	20.52	ug/l	98
3) Chloromethane	2.039	50	41388	19.19	ug/l	97
4) Vinyl Chloride	2.168	62	42450	19.44	ug/l	97
5) Bromomethane	2.537	94	27209	21.52	ug/l	99
6) Chloroethane	2.679	64	24276	19.21	ug/l	98
7) Trichlorofluoromethane	2.991	101	46666	20.44	ug/l	100
8) Diethyl Ether	3.377	74	19163	17.61	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.717	101	27775	20.05	ug/l	99
10) Methyl Iodide	3.904	142	44030	21.68	ug/l	95
11) Tert butyl alcohol	4.769	59	23340	72.29	ug/l	99
12) 1,1-Dichloroethene	3.692	96	28927	18.14	ug/l	98
13) Acrolein	3.566	56	18172	78.50	ug/l	98
14) Allyl chloride	4.270	41	47137	15.94	ug/l	91
15) Acrylonitrile	4.936	53	68042	80.89	ug/l	100
16) Acetone	3.779	43	57167	85.19	ug/l	94
17) Carbon Disulfide	4.000	76	78475	15.63	ug/l	99
18) Methyl Acetate	4.283	43	30575	16.26	ug/l	97
19) Methyl tert-butyl Ether	5.000	73	90006	16.91	ug/l	97
20) Methylene Chloride	4.499	84	34935	18.80	ug/l	98
21) trans-1,2-Dichloroethene	4.984	96	30662	18.09	ug/l	92
22) Diisopropyl ether	5.907	45	97013	16.05	ug/l	96
23) Vinyl Acetate	5.846	43	371873	77.02	ug/l	99
24) 1,1-Dichloroethane	5.795	63	56585	17.56	ug/l	99
25) 2-Butanone	6.794	43	87315	82.98	ug/l	100
26) 2,2-Dichloropropane	6.772	77	42007	16.29	ug/l	100
27) cis-1,2-Dichloroethene	6.778	96	35756	18.41	ug/l	99
28) Bromochloromethane	7.148	49	21049	15.55	ug/l	96
29) Tetrahydrofuran	7.174	42	59004	77.32	ug/l	100
30) Chloroform	7.325	83	53321	17.97	ug/l	94
31) Cyclohexane	7.608	56	53491	16.50	ug/l	98
32) 1,1,1-Trichloroethane	7.524	97	43697	18.09	ug/l	99
36) 1,1-Dichloropropene	7.749	75	42883	19.39	ug/l	98
37) Ethyl Acetate	6.888	43	37691	17.77	ug/l	97
38) Carbon Tetrachloride	7.733	117	35580	19.54	ug/l	99
39) Methylcyclohexane	9.042	83	50300	18.64	ug/l	99
40) Benzene	8.000	78	133021	19.70	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.145	41	19141m	16.80	ug/l	
42) 1,2-Dichloroethane	8.087	62	40137	19.71	ug/l	98
43) Isopropyl Acetate	8.129	43	60615	16.11	ug/l	97
44) Trichloroethene	8.798	130	34017	20.76	ug/l	100
45) 1,2-Dichloropropane	9.084	63	35008	18.84	ug/l	97
46) Dibromomethane	9.174	93	20995	20.45	ug/l	96
47) Bromodichloromethane	9.367	83	39873	18.11	ug/l	98
48) Methyl methacrylate	9.164	41	29569	16.57	ug/l	95
49) 1,4-Dioxane	9.167	88	11131	385.44	ug/l	95
51) 4-Methyl-2-Pentanone	9.952	43	183797	88.62	ug/l	97
52) Toluene	10.122	92	82382	20.59	ug/l	98
53) t-1,3-Dichloropropene	10.351	75	45551	17.76	ug/l	96
54) cis-1,3-Dichloropropene	9.807	75	52773	18.47	ug/l	94
55) 1,1,2-Trichloroethane	10.531	97	32254	21.14	ug/l	97
56) Ethyl methacrylate	10.399	69	46201	18.31	ug/l #	95
57) 1,3-Dichloropropane	10.675	76	53982	20.10	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.663	63	91202	78.26	ug/l	97
59) 2-Hexanone	10.720	43	128384	89.17	ug/l	97
60) Dibromochloromethane	10.871	129	29938	19.20	ug/l	99
61) 1,2-Dibromoethane	10.974	107	31626	20.80	ug/l	99
64) Tetrachloroethene	10.601	164	34458	20.72	ug/l	100
65) Chlorobenzene	11.402	112	86205	20.77	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.479	131	28492	19.42	ug/l	97
67) Ethyl Benzene	11.479	91	150930	19.36	ug/l	98
68) m/p-Xylenes	11.592	106	115110	40.77	ug/l	97
69) o-Xylene	11.916	106	55501	20.29	ug/l	98
70) Styrene	11.933	104	90413	20.08	ug/l	98
71) Bromoform	12.097	173	18574	18.31	ug/l #	99
73) Isopropylbenzene	12.219	105	142964	18.87	ug/l	100
74) N-amyl acetate	12.042	43	50501	15.75	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.473	83	42236	18.87	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	41076m	18.15	ug/l	
77) Bromobenzene	12.495	156	34379	20.95	ug/l	90
78) n-propylbenzene	12.560	91	159235	17.83	ug/l	99
79) 2-Chlorotoluene	12.643	91	98596	18.59	ug/l	98
80) 1,3,5-Trimethylbenzene	12.704	105	121621	18.85	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.270	75	12421	14.06	ug/l	99
82) 4-Chlorotoluene	12.743	91	96807	17.88	ug/l	99
83) tert-Butylbenzene	12.965	119	101467	18.86	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	120039	18.65	ug/l	97
85) sec-Butylbenzene	13.142	105	132228	18.20	ug/l	99
86) p-Isopropyltoluene	13.257	119	118766	18.52	ug/l	99
87) 1,3-Dichlorobenzene	13.254	146	58552	20.02	ug/l	98
88) 1,4-Dichlorobenzene	13.334	146	57192	19.27	ug/l	97
89) n-Butylbenzene	13.585	91	95551	16.58	ug/l	100
90) Hexachloroethane	13.842	117	18441	16.43	ug/l	100
91) 1,2-Dichlorobenzene	13.624	146	58732	20.24	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.238	75	6833	15.39	ug/l	98
93) 1,2,4-Trichlorobenzene	14.878	180	27106	17.74	ug/l	99
94) Hexachlorobutadiene	14.977	225	13573	19.05	ug/l	98
95) Naphthalene	15.100	128	82287	17.11	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	28133	18.16	ug/l	99

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

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