

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021521\
 Data File : VN065867.D
 Acq On : 15 Feb 2021 13:31
 Operator : JC/MD
 Sample : VN0215MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0215MBS01

Manual Integrations
 APPROVED

MMDadoda
 2/16/2021 3:08:06 PM

Quant Time: Feb 15 14:32:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 15 10:57:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.621	168	147998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	250706	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	223801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	97954	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	84838	43.57	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 87.14%			
35) Dibromofluoromethane	7.547	113	78088	52.56	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.12%			
50) Toluene-d8	10.055	98	298732	51.15	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.30%			
62) 4-Bromofluorobenzene	12.370	95	111331	52.94	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.88%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.837	85	35276	21.28	ug/l	97
3) Chloromethane	2.039	50	47157	19.36	ug/l	97
4) Vinyl Chloride	2.168	62	48429	19.63	ug/l	99
5) Bromomethane	2.534	94	32083	22.47	ug/l	99
6) Chloroethane	2.676	64	27938	19.58	ug/l	98
7) Trichlorofluoromethane	2.991	101	53370	20.69	ug/l	97
8) Diethyl Ether	3.377	74	23981	19.51	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.708	101	33039	21.11	ug/l	99
10) Methyl Iodide	3.901	142	46772	20.39	ug/l	96
11) Tert butyl alcohol	4.766	59	29184	80.02	ug/l	99
12) 1,1-Dichloroethene	3.692	96	34509	19.15	ug/l	100
13) Acrolein	3.566	56	26260	95.37	ug/l	98
14) Allyl chloride	4.271	41	56657	16.96	ug/l	91
15) Acrylonitrile	4.933	53	84545	88.98	ug/l	98
16) Acetone	3.775	43	72363	95.47	ug/l	94
17) Carbon Disulfide	4.000	76	98958	17.45	ug/l	98
18) Methyl Acetate	4.283	43	36737	17.30	ug/l	99
19) Methyl tert-butyl Ether	4.994	73	112064	18.63	ug/l	99
20) Methylene Chloride	4.496	84	40825	19.45	ug/l	98
21) trans-1,2-Dichloroethene	4.978	96	38135	19.92	ug/l	94
22) Diisopropyl ether	5.904	45	117219	17.17	ug/l	98
23) Vinyl Acetate	5.843	43	449015	82.33	ug/l	99
24) 1,1-Dichloroethane	5.791	63	67442	18.53	ug/l	99
25) 2-Butanone	6.795	43	104761	88.14	ug/l	98
26) 2,2-Dichloropropane	6.769	77	51422	17.66	ug/l	98
27) cis-1,2-Dichloroethene	6.775	96	43227	19.70	ug/l	99
28) Bromochloromethane	7.145	49	29684	19.41	ug/l	95
29) Tetrahydrofuran	7.171	42	70342	81.60	ug/l	98
30) Chloroform	7.325	83	64509	19.25	ug/l	96
31) Cyclohexane	7.605	56	64402	17.59	ug/l	97
32) 1,1,1-Trichloroethane	7.524	97	51340	18.81	ug/l	99
36) 1,1-Dichloropropene	7.746	75	52127	20.66	ug/l	99
37) Ethyl Acetate	6.885	43	44496	18.38	ug/l	96
38) Carbon Tetrachloride	7.730	117	42058	20.25	ug/l	96
39) Methylcyclohexane	9.042	83	61275	19.91	ug/l	98
40) Benzene	7.997	78	160350	20.81	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.122	41	21962	16.90	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	46974	20.22	ug/l	96
43) Isopropyl Acetate	8.126	43	72172	16.82	ug/l	94
44) Trichloroethene	8.798	130	40196	21.50	ug/l	100
45) 1,2-Dichloropropane	9.081	63	41496	19.57	ug/l	98
46) Dibromomethane	9.171	93	24427	20.86	ug/l	96
47) Bromodichloromethane	9.367	83	48157	19.17	ug/l	96
48) Methyl methacrylate	9.164	41	34535	16.96	ug/l	93
49) 1,4-Dioxane	9.167	88	13975	424.18	ug/l	98
51) 4-Methyl-2-Pentanone	9.952	43	217898	92.10	ug/l	97
52) Toluene	10.119	92	100665	22.06	ug/l	97
53) t-1,3-Dichloropropene	10.351	75	55208	18.87	ug/l	99
54) cis-1,3-Dichloropropene	9.804	75	64572	19.81	ug/l	92
55) 1,1,2-Trichloroethane	10.531	97	37889	21.77	ug/l	98
56) Ethyl methacrylate	10.399	69	56640	19.68	ug/l #	90
57) 1,3-Dichloropropane	10.672	76	64360	21.01	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.659	63	124142	93.38	ug/l	99
59) 2-Hexanone	10.720	43	153127	93.22	ug/l	93
60) Dibromochloromethane	10.868	129	36324	20.42	ug/l	99
61) 1,2-Dibromoethane	10.974	107	37826	21.80	ug/l	99
64) Tetrachloroethene	10.598	164	38150	20.34	ug/l	98
65) Chlorobenzene	11.402	112	103567	22.12	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.476	131	34846	21.05	ug/l	98
67) Ethyl Benzene	11.479	91	185586	21.10	ug/l	99
68) m/p-Xylenes	11.592	106	142702	44.82	ug/l	98
69) o-Xylene	11.916	106	69214	22.43	ug/l	96
70) Styrene	11.933	104	110751	21.81	ug/l	99
71) Bromoform	12.097	173	22049	19.27	ug/l #	98
73) Isopropylbenzene	12.219	105	179027	20.87	ug/l	99
74) N-amyl acetate	12.042	43	60039	16.55	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.473	83	51392	20.29	ug/l	98
76) 1,2,3-Trichloropropane	12.524	75	48924m	19.10	ug/l	
77) Bromobenzene	12.495	156	40405	21.76	ug/l	87
78) n-propylbenzene	12.560	91	199059	19.69	ug/l	99
79) 2-Chlorotoluene	12.643	91	119230	19.86	ug/l	98
80) 1,3,5-Trimethylbenzene	12.704	105	149928	20.53	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.273	75	15962	15.96	ug/l	95
82) 4-Chlorotoluene	12.743	91	121961	19.90	ug/l	97
83) tert-Butylbenzene	12.961	119	124644	20.47	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	148256	20.36	ug/l	98
85) sec-Butylbenzene	13.142	105	162067	19.71	ug/l	98
86) p-Isopropyltoluene	13.261	119	145295	20.02	ug/l	98
87) 1,3-Dichlorobenzene	13.251	146	71512	21.60	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	70406	20.96	ug/l	97
89) n-Butylbenzene	13.585	91	119541	18.33	ug/l	98
90) Hexachloroethane	13.842	117	22724	17.89	ug/l	98
91) 1,2-Dichlorobenzene	13.624	146	70357	21.42	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.238	75	8793	17.49	ug/l	88
93) 1,2,4-Trichlorobenzene	14.878	180	33459	19.05	ug/l	99
94) Hexachlorobutadiene	14.977	225	16307	20.21	ug/l	100
95) Naphthalene	15.100	128	103661	18.66	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	32639	18.55	ug/l	97

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

