

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101018\
 Data File : VN051780.D
 Acq On : 10 Oct 2018 10:46
 Operator : MD\SY
 Sample : VN1010MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/11/2018 5:51:13 PM

Quant Time: Oct 11 02:15:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 06:03:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	3223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	5913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	8696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	11999	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	403787	9483.57	ug/l	0.00
Spiked Amount	50.000		Recovery	= 18967.14%		
35) Dibromofluoromethane	7.59	113	372816	8155.12	ug/l	0.00
Spiked Amount	50.000		Recovery	= 16310.24%		
50) Toluene-d8	10.09	98	1374936	8061.95	ug/l	0.00
Spiked Amount	50.000		Recovery	= 16123.90%		
62) 4-Bromofluorobenzene	12.40	95	448143	7423.28	ug/l	0.00
Spiked Amount	50.000		Recovery	= 14846.56%		

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	144283	3498.415	ug/l	99
3) Chloromethane	2.06	50	128725	3499.735	ug/l	98
4) Vinyl Chloride	2.18	62	197446	3407.773	ug/l	98
5) Bromomethane	2.57	94	172717	3876.296	ug/l	99
6) Chloroethane	2.70	64	141216	3626.412	ug/l	95
7) Trichlorofluoromethane	3.01	101	253650	4320.501	ug/l	98
8) Diethyl Ether	3.41	74	68185	4038.437	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.76	101	133160	4134.966	ug/l	99
10) Methyl Iodide	3.95	142	152351	3413.138	ug/l	99
11) Tert butyl alcohol	4.80	59	55724	19257.555	ug/l	98
12) 1,1-Dichloroethene	3.73	96	115260	3840.118	ug/l	98
13) Acrolein	3.61	56	22449	12220.107	ug/l	92
14) Allyl chloride	4.32	41	157927	3449.802	ug/l	99
15) Acrylonitrile	4.99	53	193206	19349.134	ug/l	98
16) Acetone	3.82	43	152087	23083.176	ug/l	98
17) Carbon Disulfide	4.05	76	286825	3143.833	ug/l	99
18) Methyl Acetate	4.33	43	103813	4417.429	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	380904	3844.704	ug/l	100
20) Methylene Chloride	4.55	84	134543	3840.766	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	132841	3734.895	ug/l	89
22) Diisopropyl ether	5.95	45	345004	3515.752	ug/l	93
23) Vinyl Acetate	5.90	43	1240569	17193.345	ug/l	96
24) 1,1-Dichloroethane	5.85	63	230831	3657.510	ug/l	98
25) 2-Butanone	6.84	43	233001	18951.252	ug/l	95
26) 2,2-Dichloropropane	6.82	77	236695	3742.510	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	159487	3862.646	ug/l	95
28) Bromochloromethane	7.20	49	107116	3833.732	ug/l	91
29) Tetrahydrofuran	7.22	42	143217	18981.990	ug/l	92
30) Chloroform	7.37	83	273808	3861.386	ug/l	98
31) Cyclohexane	7.65	56	196685	3402.931	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	261399	3803.202	ug/l	98
36) 1,1-Dichloropropene	7.79	75	193163	3125.333	ug/l	99
37) Ethyl Acetate	6.93	43	101851	3159.678	ug/l	99
38) Carbon Tetrachloride	7.78	117	233413	3147.301	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	244567	3152.333	ug/l	99
40) Benzene	8.04	78	579733	3164.130	ug/l	98
41) Methacrylonitrile	7.18	41	57493	3482.194	ug/l	90
42) 1,2-Dichloroethane	8.13	62	195213	3161.509	ug/l	99
43) Isopropyl Acetate	8.17	43	209652	3119.511	ug/l #	89
44) Trichloroethene	8.84	130	173151	3328.304	ug/l	98
45) 1,2-Dichloropropane	9.12	63	140971	3111.966	ug/l	99
46) Dibromomethane	9.21	93	103420	3284.557	ug/l	99
47) Bromodichloromethane	9.40	83	211409	3050.026	ug/l	99
48) Methyl methacrylate	9.20	41	92150	3000.684	ug/l	97
49) 1,4-Dioxane	9.20	88	31529	68469.398	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	539954	15855.145	ug/l	98
52) Toluene	10.16	92	384503	3155.254	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	211108	2951.636	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	225395	2967.675	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	144491	3328.440	ug/l	95
56) Ethyl methacrylate	10.43	69	173046	3152.145	ug/l	97
57) 1,3-Dichloropropane	10.71	76	222462	3237.847	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	361960	15931.087	ug/l	97
59) 2-Hexanone	10.75	43	356320	15406.341	ug/l	99
60) Dibromochloromethane	10.90	129	173438	3052.961	ug/l	100
61) 1,2-Dibromoethane	11.01	107	148946	3245.593	ug/l	99
64) Tetrachloroethene	10.63	164	172949	2254.284	ug/l	97
65) Chlorobenzene	11.44	112	435317	2021.240	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	172791	2003.716	ug/l	99
67) Ethyl Benzene	11.51	91	744248	1999.288	ug/l	100
68) m/p-Xylenes	11.62	106	591846	3973.558	ug/l	98
69) o-Xylene	11.95	106	289219	1979.987	ug/l	100
70) Styrene	11.96	104	445491	1913.964	ug/l	99
71) Bromoform	12.13	173	110390	1721.020	ug/l #	99
73) Isopropylbenzene	12.25	105	790298	772.649	ug/l	100
74) N-amyl acetate	12.07	43	154484	778.598	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	168208	915.158	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	151284m	1100.959	ug/l	
77) Bromobenzene	12.53	156	189019	755.784	ug/l	96
78) n-propylbenzene	12.59	91	840205	753.123	ug/l	100
79) 2-Chlorotoluene	12.67	91	496368	754.932	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	658360	763.772	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	42767	655.172	ug/l	95
82) 4-Chlorotoluene	12.77	91	483722	732.347	ug/l	99
83) tert-Butylbenzene	12.99	119	606944	785.810	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	654845	758.443	ug/l	98
85) sec-Butylbenzene	13.17	105	792422	775.602	ug/l	99
86) p-Isopropyltoluene	13.29	119	693347	765.501	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	329634	756.397	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	306624	714.823	ug/l	100
89) n-Butylbenzene	13.62	91	526681	735.446	ug/l	100
90) Hexachloroethane	13.88	117	123108	681.243	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	323862	747.557	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26077	725.753	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	135462	702.687	ug/l	99
94) Hexachlorobutadiene	15.01	225	108233	827.490	ug/l	98
95) Naphthalene	15.13	128	271839	652.994	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	142462	750.356	ug/l	99

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

