

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080718\
 Data File : VN050426.D
 Acq On : 7 Aug 2018 12:57
 Operator : MD\SY
 Sample : VN0807MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/8/2018 10:47:10 AM

Quant Time: Aug 08 05:46:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	638774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	936429	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	848017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	431360	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	424364	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
35) Dibromofluoromethane	7.59	113	378938	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
50) Toluene-d8	10.09	98	1416449	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.40	95	455489	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	138084	19.47	ug/l	100
3) Chloromethane	2.06	50	170277	19.43	ug/l	99
4) Vinyl Chloride	2.18	62	181007	19.72	ug/l	97
5) Bromomethane	2.56	94	103254	23.29	ug/l	95
6) Chloroethane	2.70	64	108033	19.10	ug/l	99
7) Trichlorofluoromethane	3.01	101	235098	19.83	ug/l	99
8) Diethyl Ether	3.41	74	79981	18.40	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	143457	19.58	ug/l	99
10) Methyl Iodide	3.95	142	65758	20.37	ug/l	99
11) Tert butyl alcohol	4.80	59	52905	77.17	ug/l #	90
12) 1,1-Dichloroethene	3.73	96	130599	18.91	ug/l	98
13) Acrolein	3.61	56	70036	88.82	ug/l	98
14) Allyl chloride	4.32	41	202689	18.28	ug/l	100
15) Acrylonitrile	4.99	53	255973	89.13	ug/l	100
16) Acetone	3.82	43	229570	89.97	ug/l	100
17) Carbon Disulfide	4.05	76	397880	17.72	ug/l	99
18) Methyl Acetate	4.33	43	122350	18.38	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	360292	18.38	ug/l	99
20) Methylene Chloride	4.55	84	157686	19.31	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	141700	18.96	ug/l	99
22) Diisopropyl ether	5.96	45	452645	19.98	ug/l	97
23) Vinyl Acetate	5.90	43	1507681	93.27	ug/l	100
24) 1,1-Dichloroethane	5.85	63	268939	19.35	ug/l	100
25) 2-Butanone	6.84	43	368614	87.16	ug/l	100
26) 2,2-Dichloropropane	6.83	77	218811	19.09	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	159692	19.28	ug/l	99
28) Bromochloromethane	7.20	49	122983	19.22	ug/l	99
29) Tetrahydrofuran	7.22	42	193699	85.57	ug/l	99
30) Chloroform	7.38	83	277445	19.96	ug/l	97
31) Cyclohexane	7.66	56	231649	18.54	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	233769	19.59	ug/l	100
36) 1,1-Dichloropropene	7.80	75	203777	19.81	ug/l	99
37) Ethyl Acetate	6.94	43	136183	18.38	ug/l	100
38) Carbon Tetrachloride	7.78	117	205807	19.17	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	207878	18.51	ug/l	99
40) Benzene	8.04	78	631395	19.96	ug/l	99
41) Methacrylonitrile	7.18	41	71718	18.20	ug/l #	77
42) 1,2-Dichloroethane	8.13	62	200086	19.92	ug/l	99
43) Isopropyl Acetate	8.17	43	239060	18.69	ug/l	99
44) Trichloroethene	8.84	130	163145	19.19	ug/l	96
45) 1,2-Dichloropropane	9.12	63	165307	19.88	ug/l	99
46) Dibromomethane	9.21	93	97880	19.06	ug/l	96
47) Bromodichloromethane	9.41	83	205709	19.34	ug/l	100
48) Methyl methacrylate	9.20	41	113172	17.65	ug/l	98
49) 1,4-Dioxane	9.20	88	31961	323.43	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	833629	90.50	ug/l	100
52) Toluene	10.16	92	381619	20.08	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	200796	18.80	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	233867	19.62	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	144078	19.42	ug/l	98
56) Ethyl methacrylate	10.43	69	168908	17.25	ug/l	99
57) 1,3-Dichloropropane	10.71	76	238566	19.59	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	410922	88.89	ug/l	99
59) 2-Hexanone	10.75	43	560545	87.19	ug/l	100
60) Dibromochloromethane	10.90	129	157338	19.25	ug/l	98
61) 1,2-Dibromoethane	11.01	107	138375	18.92	ug/l	97
64) Tetrachloroethene	10.63	164	161820	20.42	ug/l	99
65) Chlorobenzene	11.44	112	405730	19.08	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	155419	20.09	ug/l	99
67) Ethyl Benzene	11.51	91	674899	19.64	ug/l	99
68) m/p-Xylenes	11.62	106	530030	40.51	ug/l	100
69) o-Xylene	11.95	106	247779	19.66	ug/l	99
70) Styrene	11.97	104	410274	20.02	ug/l	99
71) Bromoform	12.13	173	106564	18.84	ug/l #	99
73) Isopropylbenzene	12.25	105	655502	20.24	ug/l	100
74) N-amyl acetate	12.07	43	187576	17.87	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	179198	19.18	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	141671m	18.14	ug/l	
77) Bromobenzene	12.53	156	173840	20.04	ug/l	100
78) n-propylbenzene	12.59	91	751572	20.51	ug/l	100
79) 2-Chlorotoluene	12.68	91	459174	20.28	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	548988	20.89	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	44619	20.08	ug/l	96
82) 4-Chlorotoluene	12.78	91	459962	20.38	ug/l	98
83) tert-Butylbenzene	12.99	119	458481	19.99	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	559891	21.03	ug/l	99
85) sec-Butylbenzene	13.17	105	620190	20.29	ug/l	99
86) p-Isopropyltoluene	13.29	119	531154	20.28	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	300764	19.47	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	292861	18.98	ug/l	98
89) n-Butylbenzene	13.62	91	413951	18.56	ug/l	99
90) Hexachloroethane	13.88	117	91603	19.67	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	297549	19.21	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26209	16.52	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	137886	17.48	ug/l	100
94) Hexachlorobutadiene	15.01	225	87665	19.34	ug/l	100
95) Naphthalene	15.14	128	283617	16.22	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	136619	17.13	ug/l	100

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

