

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090718\
 Data File : VN051050.D
 Acq On : 7 Sep 2018 13:47
 Operator : MD\SY
 Sample : VN0907MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2018 11:53:35 AM

Quant Time: Sep 07 23:39:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	559469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	800208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	729976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	365878	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	325910	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
35) Dibromofluoromethane	7.59	113	306941	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
50) Toluene-d8	10.09	98	1143956	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
62) 4-Bromofluorobenzene	12.40	95	372072	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	166312	22.21	ug/l	100
3) Chloromethane	2.06	50	177961	19.27	ug/l	99
4) Vinyl Chloride	2.18	62	175275	20.04	ug/l	100
5) Bromomethane	2.56	94	92234	17.86	ug/l	100
6) Chloroethane	2.70	64	100371	19.86	ug/l	100
7) Trichlorofluoromethane	3.01	101	223310	19.94	ug/l	97
8) Diethyl Ether	3.41	74	77387	20.32	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	142451	20.35	ug/l	99
10) Methyl Iodide	3.95	142	94726	19.81	ug/l	99
11) Tert butyl alcohol	4.80	59	50644	118.08	ug/l #	87
12) 1,1-Dichloroethene	3.73	96	124332	19.79	ug/l	94
13) Acrolein	3.61	56	21407	97.26	ug/l	98
14) Allyl chloride	4.32	41	189723	19.38	ug/l	98
15) Acrylonitrile	5.00	53	234797	107.72	ug/l	99
16) Acetone	3.82	43	181097	109.58	ug/l	97
17) Carbon Disulfide	4.05	76	385699	18.31	ug/l	99
18) Methyl Acetate	4.33	43	138055	21.71	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	333603	21.11	ug/l	100
20) Methylene Chloride	4.55	84	146531	19.30	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	130897	19.26	ug/l	99
22) Diisopropyl ether	5.95	45	400792	20.54	ug/l	96
23) Vinyl Acetate	5.90	43	1267391	100.86	ug/l	100
24) 1,1-Dichloroethane	5.85	63	246189	19.65	ug/l	99
25) 2-Butanone	6.84	43	266772	98.29	ug/l	98
26) 2,2-Dichloropropane	6.83	77	192762	19.15	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	146654	20.02	ug/l	98
28) Bromochloromethane	7.20	49	97218	18.26	ug/l	95
29) Tetrahydrofuran	7.21	42	176518	113.43	ug/l	98
30) Chloroform	7.37	83	245263	19.77	ug/l	99
31) Cyclohexane	7.65	56	215660	19.23	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	209016	19.62	ug/l	99
36) 1,1-Dichloropropene	7.80	75	181670	19.24	ug/l	98
37) Ethyl Acetate	6.93	43	115062	21.21	ug/l	99
38) Carbon Tetrachloride	7.77	117	186042	19.49	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	195410	19.13	ug/l	98
40) Benzene	8.04	78	569694	20.01	ug/l	99
41) Methacrylonitrile	7.18	41	60824	20.72	ug/l	97
42) 1,2-Dichloroethane	8.13	62	169689	19.93	ug/l	99
43) Isopropyl Acetate	8.17	43	196465	21.07	ug/l	99
44) Trichloroethene	8.84	130	149645	19.93	ug/l	100
45) 1,2-Dichloropropane	9.12	63	147979	19.77	ug/l	99
46) Dibromomethane	9.21	93	89161	20.28	ug/l	98
47) Bromodichloromethane	9.40	83	181494	19.71	ug/l	99
48) Methyl methacrylate	9.20	41	96477	20.30	ug/l	98
49) 1,4-Dioxane	9.20	88	31429	485.05	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	577857	103.83	ug/l	98
52) Toluene	10.16	92	348266	20.65	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	180201	19.66	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	210329	20.04	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	127317	20.34	ug/l	99
56) Ethyl methacrylate	10.43	69	148133	19.68	ug/l	99
57) 1,3-Dichloropropane	10.71	76	211135	20.43	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	289724	89.76	ug/l	99
59) 2-Hexanone	10.75	43	382587	103.26	ug/l	99
60) Dibromochloromethane	10.90	129	141560	20.19	ug/l	100
61) 1,2-Dibromoethane	11.01	107	124953	20.64	ug/l	97
64) Tetrachloroethene	10.63	164	136952	19.75	ug/l	97
65) Chlorobenzene	11.43	112	373336	19.57	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	140516	20.13	ug/l	99
67) Ethyl Benzene	11.51	91	606982	19.57	ug/l	99
68) m/p-Xylenes	11.62	106	485922	41.27	ug/l	99
69) o-Xylene	11.95	106	232154	20.51	ug/l	98
70) Styrene	11.96	104	361605	18.94	ug/l	99
71) Bromoform	12.13	173	100459	20.93	ug/l #	100
73) Isopropylbenzene	12.25	105	607026	20.04	ug/l	100
74) N-amyl acetate	12.07	43	156927	20.61	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	166511	22.14	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	130406m	20.35	ug/l	
77) Bromobenzene	12.53	156	158348	19.23	ug/l	99
78) n-propylbenzene	12.59	91	670132	19.80	ug/l	99
79) 2-Chlorotoluene	12.67	91	415028	19.69	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	501102	20.50	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	38336	20.22	ug/l	96
82) 4-Chlorotoluene	12.77	91	408553	19.63	ug/l	100
83) tert-Butylbenzene	12.99	119	422614	19.96	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	506134	20.58	ug/l	99
85) sec-Butylbenzene	13.17	105	559617	20.17	ug/l	100
86) p-Isopropyltoluene	13.29	119	481875	20.39	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	268912	19.25	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	259544	18.87	ug/l	99
89) n-Butylbenzene	13.62	91	347104	18.36	ug/l	99
90) Hexachloroethane	13.88	117	92005	20.53	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	263529	19.55	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22370	20.56	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	98281	16.95	ug/l	99
94) Hexachlorobutadiene	15.01	225	83978	20.35	ug/l	99
95) Naphthalene	15.13	128	185607	16.73	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	103517	18.01	ug/l	100

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

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