

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080918\
 Data File : VN050480.D
 Acq On : 9 Aug 2018 12:58
 Operator : MD\SY
 Sample : VN0809MBS01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/10/2018 10:52:40 AM

Quant Time: Aug 10 04:40:25 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	741730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1089062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1000546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	506320	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	471636	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
35) Dibromofluoromethane	7.59	113	434408	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
50) Toluene-d8	10.09	98	1608711	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
62) 4-Bromofluorobenzene	12.40	95	543914	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	151509	18.40	ug/l	97
3) Chloromethane	2.06	50	187460	18.34	ug/l	99
4) Vinyl Chloride	2.18	62	203115	19.06	ug/l	99
5) Bromomethane	2.56	94	107613	20.92	ug/l	98
6) Chloroethane	2.70	64	125303	19.08	ug/l	99
7) Trichlorofluoromethane	3.01	101	264685	19.23	ug/l	98
8) Diethyl Ether	3.41	74	95545	18.93	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	164848	19.38	ug/l	99
10) Methyl Iodide	3.95	142	71577	19.10	ug/l	99
11) Tert butyl alcohol	4.80	59	62173	78.10	ug/l #	87
12) 1,1-Dichloroethene	3.73	96	151481	18.89	ug/l	98
13) Acrolein	3.61	56	53405	63.49	ug/l	98
14) Allyl chloride	4.32	41	230281	17.88	ug/l	98
15) Acrylonitrile	4.99	53	284336	85.27	ug/l	100
16) Acetone	3.82	43	257390	86.85	ug/l	98
17) Carbon Disulfide	4.05	76	429101	16.46	ug/l	99
18) Methyl Acetate	4.33	43	141434	18.29	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	428537	18.83	ug/l	100
20) Methylene Chloride	4.55	84	180097	18.96	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	164456	18.95	ug/l	95
22) Diisopropyl ether	5.96	45	509454	19.37	ug/l	97
23) Vinyl Acetate	5.90	43	1715327	91.39	ug/l	100
24) 1,1-Dichloroethane	5.85	63	302273	18.73	ug/l	99
25) 2-Butanone	6.84	43	407490	82.98	ug/l	97
26) 2,2-Dichloropropane	6.83	77	248824	18.70	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	187972	19.54	ug/l	98
28) Bromochloromethane	7.20	49	146016	19.65	ug/l	95
29) Tetrahydrofuran	7.22	42	212804	80.96	ug/l	98
30) Chloroform	7.37	83	314784	19.51	ug/l	98
31) Cyclohexane	7.65	56	264794	18.24	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	263169	18.99	ug/l	98
36) 1,1-Dichloropropene	7.80	75	230228	19.24	ug/l	99
37) Ethyl Acetate	6.94	43	146683	17.02	ug/l	99
38) Carbon Tetrachloride	7.78	117	236618	18.96	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	241542	18.49	ug/l	98
40) Benzene	8.04	78	707345	19.23	ug/l	100
41) Methacrylonitrile	7.17	41	68828	15.02	ug/l	89
42) 1,2-Dichloroethane	8.13	62	225090	19.27	ug/l	99
43) Isopropyl Acetate	8.17	43	262034	17.61	ug/l	97
44) Trichloroethene	8.84	130	189869	19.21	ug/l	97
45) 1,2-Dichloropropane	9.12	63	185154	19.14	ug/l	98
46) Dibromomethane	9.21	93	111019	18.59	ug/l	96
47) Bromodichloromethane	9.40	83	233780	18.90	ug/l	99
48) Methyl methacrylate	9.20	41	129514	17.37	ug/l	99
49) 1,4-Dioxane	9.20	88	37946	330.18	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	929596	86.77	ug/l	98
52) Toluene	10.16	92	440373	19.93	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	233677	18.81	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	271346	19.57	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	163415	18.94	ug/l	99
56) Ethyl methacrylate	10.43	69	202537	17.73	ug/l	96
57) 1,3-Dichloropropane	10.71	76	269386	19.02	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	470783	87.68	ug/l	99
59) 2-Hexanone	10.75	43	627797	83.97	ug/l	99
60) Dibromochloromethane	10.90	129	179811	18.92	ug/l	99
61) 1,2-Dibromoethane	11.01	107	160912	18.92	ug/l	99
64) Tetrachloroethene	10.63	164	183687	19.65	ug/l	98
65) Chlorobenzene	11.44	112	483441	19.27	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	178219	19.52	ug/l	100
67) Ethyl Benzene	11.51	91	807244	19.91	ug/l	100
68) m/p-Xylenes	11.62	106	634687	41.12	ug/l	99
69) o-Xylene	11.95	106	300242	20.19	ug/l	99
70) Styrene	11.97	104	488137	20.19	ug/l	99
71) Bromoform	12.13	173	125540	18.82	ug/l #	99
73) Isopropylbenzene	12.25	105	797843	20.99	ug/l	100
74) N-amyl acetate	12.07	43	221354	17.97	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	208149	18.98	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	173166m	18.89	ug/l	
77) Bromobenzene	12.53	156	211899	20.81	ug/l	97
78) n-propylbenzene	12.59	91	889555	20.68	ug/l	100
79) 2-Chlorotoluene	12.68	91	547176	20.59	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	655187	21.24	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	47114	18.06	ug/l	97
82) 4-Chlorotoluene	12.77	91	551496	20.81	ug/l	98
83) tert-Butylbenzene	12.99	119	560103	20.81	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	669140	21.41	ug/l	99
85) sec-Butylbenzene	13.17	105	728412	20.31	ug/l	99
86) p-Isopropyltoluene	13.29	119	628311	20.44	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	359765	19.84	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	349563	19.30	ug/l	98
89) n-Butylbenzene	13.62	91	484961	18.53	ug/l	100
90) Hexachloroethane	13.88	117	102929	18.83	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	352554	19.39	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28847	15.49	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	163598	17.67	ug/l	100
94) Hexachlorobutadiene	15.01	225	104244	19.61	ug/l	100
95) Naphthalene	15.14	128	340245	16.49	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	159414	17.03	ug/l	98

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

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