

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082918\
 Data File : VN050937.D
 Acq On : 29 Aug 2018 9:31
 Operator : MD\SY
 Sample : VN0829MBS01
 Misc : 5.00µl/100µl/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/30/2018 11:07:26 AM

Quant Time: Aug 29 14:46:46 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	595403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	842854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	756367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	367244	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	354867	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	7.59	113	338676	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	10.09	98	1258967	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.40	95	405608	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	158025	19.832	ug/l	99
3) Chloromethane	2.06	50	178669	18.180	ug/l	97
4) Vinyl Chloride	2.18	62	175460	18.847	ug/l	99
5) Bromomethane	2.56	94	102445	18.692	ug/l	96
6) Chloroethane	2.70	64	99187	18.439	ug/l	97
7) Trichlorofluoromethane	3.01	101	238056	19.969	ug/l	98
8) Diethyl Ether	3.41	74	79967	19.727	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	146582	19.681	ug/l	99
10) Methyl Iodide	3.95	142	112450	21.363	ug/l	98
11) Tert butyl alcohol	4.80	59	50138	109.847	ug/l #	86
12) 1,1-Dichloroethene	3.73	96	127652	19.089	ug/l	98
13) Acrolein	3.61	56	14521	68.491	ug/l	98
14) Allyl chloride	4.33	41	197115	18.916	ug/l	99
15) Acrylonitrile	4.99	53	236528	101.967	ug/l	99
16) Acetone	3.82	43	180394	102.100	ug/l	100
17) Carbon Disulfide	4.05	76	384620	17.157	ug/l	99
18) Methyl Acetate	4.33	43	149662	22.112	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	342934	20.387	ug/l	98
20) Methylene Chloride	4.55	84	151478	18.751	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	135046	18.671	ug/l	97
22) Diisopropyl ether	5.96	45	430753	20.743	ug/l	97
23) Vinyl Acetate	5.90	43	1303642	97.479	ug/l	99
24) 1,1-Dichloroethane	5.85	63	260238	19.520	ug/l	99
25) 2-Butanone	6.84	43	272155	94.217	ug/l	99
26) 2,2-Dichloropropane	6.83	77	204103	19.052	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	153810	19.725	ug/l	99
28) Bromochloromethane	7.20	49	104393	18.427	ug/l	100
29) Tetrahydrofuran	7.22	42	175812	106.157	ug/l	98
30) Chloroform	7.37	83	259975	19.692	ug/l	97
31) Cyclohexane	7.66	56	222452	18.651	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	219329	19.342	ug/l	99
36) 1,1-Dichloropropene	7.79	75	193868	19.492	ug/l	99
37) Ethyl Acetate	6.93	43	116155	20.330	ug/l	100
38) Carbon Tetrachloride	7.78	117	196871	19.582	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	205600	19.107	ug/l	98
40) Benzene	8.04	78	600652	20.027	ug/l	100
41) Methacrylonitrile	7.18	41	61894	20.018	ug/l	99
42) 1,2-Dichloroethane	8.13	62	180642	20.145	ug/l	99
43) Isopropyl Acetate	8.17	43	218234	22.216	ug/l	96
44) Trichloroethene	8.84	130	156710	19.812	ug/l	99
45) 1,2-Dichloropropane	9.12	63	158954	20.165	ug/l	97
46) Dibromomethane	9.21	93	92339	19.937	ug/l	98
47) Bromodichloromethane	9.40	83	197530	20.362	ug/l	98
48) Methyl methacrylate	9.20	41	100192	20.013	ug/l	98
49) 1,4-Dioxane	9.20	88	29954	438.899	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	603791	102.999	ug/l	100
52) Toluene	10.16	92	365892	20.594	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	190327	19.711	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	222648	20.136	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	136671	20.726	ug/l	99
56) Ethyl methacrylate	10.43	69	154433	19.506	ug/l	99
57) 1,3-Dichloropropane	10.71	76	223499	20.534	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	325073	94.819	ug/l	100
59) 2-Hexanone	10.75	43	386790	99.113	ug/l	99
60) Dibromochloromethane	10.90	129	150921	20.441	ug/l	100
61) 1,2-Dibromoethane	11.01	107	130726	20.501	ug/l	99
64) Tetrachloroethene	10.63	164	141273	19.665	ug/l	99
65) Chlorobenzene	11.44	112	392043	19.830	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	150624	20.823	ug/l	99
67) Ethyl Benzene	11.51	91	646498	20.115	ug/l	100
68) m/p-Xylenes	11.62	106	507672	41.614	ug/l	100
69) o-Xylene	11.95	106	239753	20.442	ug/l	100
70) Styrene	11.96	104	378699	19.127	ug/l	99
71) Bromoform	12.13	173	104674	21.043	ug/l #	99
73) Isopropylbenzene	12.25	105	631641	20.772	ug/l	99
74) N-amyl acetate	12.07	43	154983	20.284	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	171707	22.794	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	128427m	19.966	ug/l	
77) Bromobenzene	12.53	156	167599	20.280	ug/l	99
78) n-propylbenzene	12.59	91	714196	21.024	ug/l	100
79) 2-Chlorotoluene	12.68	91	438238	20.711	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	527894	21.514	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	39294	20.651	ug/l	95
82) 4-Chlorotoluene	12.77	91	433492	20.752	ug/l	99
83) tert-Butylbenzene	12.99	119	445086	20.945	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	533481	21.615	ug/l	100
85) sec-Butylbenzene	13.17	105	599778	21.540	ug/l	100
86) p-Isopropyltoluene	13.29	119	503127	21.205	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	277711	19.802	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	264627	19.172	ug/l	99
89) n-Butylbenzene	13.62	91	377213	19.878	ug/l	99
90) Hexachloroethane	13.88	117	97144	21.588	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	270083	19.961	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22469	20.574	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	104270	17.687	ug/l	98
94) Hexachlorobutadiene	15.01	225	92608	22.473	ug/l	99
95) Naphthalene	15.14	128	190773	16.997	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	109968	18.864	ug/l	98

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

