

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083118\
 Data File : VN050983.D
 Acq On : 31 Aug 2018 13:11
 Operator : MD\SY
 Sample : VN0831MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0831MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/4/2018 12:27:59 PM

Quant Time: Aug 31 14:36:13 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	512607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	759066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	682276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	322053	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	332907	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
35) Dibromofluoromethane	7.59	113	312960	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
50) Toluene-d8	10.09	98	1131172	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	12.40	95	361151	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	128201	18.69	ug/l	100
3) Chloromethane	2.06	50	155650	18.40	ug/l	100
4) Vinyl Chloride	2.18	62	147990	18.46	ug/l	99
5) Bromomethane	2.56	94	89766	19.04	ug/l	98
6) Chloroethane	2.70	64	89659	19.36	ug/l	100
7) Trichlorofluoromethane	3.01	101	200271	19.51	ug/l	98
8) Diethyl Ether	3.41	74	72522	20.78	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	126620	19.75	ug/l	99
10) Methyl Iodide	3.95	142	94638	21.03	ug/l	99
11) Tert butyl alcohol	4.79	59	41981	106.83	ug/l #	87
12) 1,1-Dichloroethene	3.74	96	111912	19.44	ug/l	99
13) Acrolein	3.61	56	12340	67.84	ug/l	96
14) Allyl chloride	4.33	41	173501	19.34	ug/l	100
15) Acrylonitrile	5.00	53	213289	106.80	ug/l	99
16) Acetone	3.82	43	146707	96.04	ug/l	94
17) Carbon Disulfide	4.05	76	322744	16.72	ug/l	99
18) Methyl Acetate	4.33	43	146278	25.10	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	317544	21.93	ug/l	99
20) Methylene Chloride	4.55	84	141664	20.37	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	120396	19.33	ug/l	97
22) Diisopropyl ether	5.96	45	395943	22.15	ug/l	99
23) Vinyl Acetate	5.90	43	1165922	101.26	ug/l	100
24) 1,1-Dichloroethane	5.85	63	235173	20.49	ug/l	99
25) 2-Butanone	6.84	43	227204	91.36	ug/l	99
26) 2,2-Dichloropropane	6.83	77	170819	18.52	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	141463	21.07	ug/l	98
28) Bromochloromethane	7.20	49	105157	21.56	ug/l	99
29) Tetrahydrofuran	7.22	42	156029	109.43	ug/l	99
30) Chloroform	7.37	83	239647	21.08	ug/l	100
31) Cyclohexane	7.66	56	190389	18.54	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	195437	20.02	ug/l	100
36) 1,1-Dichloropropene	7.80	75	166158	18.55	ug/l	99
37) Ethyl Acetate	6.93	43	103513	20.12	ug/l	98
38) Carbon Tetrachloride	7.78	117	173784	19.19	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	169739	17.52	ug/l	99
40) Benzene	8.04	78	538967	19.95	ug/l	100
41) Methacrylonitrile	7.18	41	60329	21.67	ug/l	93
42) 1,2-Dichloroethane	8.13	62	168971	20.92	ug/l	100
43) Isopropyl Acetate	8.17	43	183618	20.76	ug/l	98
44) Trichloroethene	8.84	130	139773	19.62	ug/l	100
45) 1,2-Dichloropropane	9.12	63	144231	20.32	ug/l	100
46) Dibromomethane	9.21	93	86433	20.72	ug/l	97
47) Bromodichloromethane	9.40	83	181974	20.83	ug/l	99
48) Methyl methacrylate	9.20	41	92993	20.63	ug/l	99
49) 1,4-Dioxane	9.20	88	25502	414.91	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	527214	99.86	ug/l	99
52) Toluene	10.16	92	326313	20.39	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	171188	19.69	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	204878	20.57	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	125340	21.11	ug/l	98
56) Ethyl methacrylate	10.43	69	138812	19.47	ug/l	99
57) 1,3-Dichloropropane	10.71	76	203994	20.81	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	291525	94.47	ug/l	99
59) 2-Hexanone	10.75	43	322728	91.83	ug/l	99
60) Dibromochloromethane	10.90	129	138265	20.79	ug/l	99
61) 1,2-Dibromoethane	11.01	107	119646	20.83	ug/l	100
64) Tetrachloroethene	10.63	164	126663	19.55	ug/l	99
65) Chlorobenzene	11.44	112	361529	20.27	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	136855	20.97	ug/l	99
67) Ethyl Benzene	11.51	91	564830	19.48	ug/l	100
68) m/p-Xylenes	11.62	106	446612	40.58	ug/l	100
69) o-Xylene	11.95	106	213636	20.19	ug/l	99
70) Styrene	11.97	104	336194	18.84	ug/l	98
71) Bromoform	12.13	173	94578	21.08	ug/l #	98
73) Isopropylbenzene	12.25	105	557667	20.91	ug/l	100
74) N-amyl acetate	12.07	43	132587	19.79	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	152553	23.12	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	124299m	22.04	ug/l	
77) Bromobenzene	12.53	156	148279	20.46	ug/l	99
78) n-propylbenzene	12.59	91	612238	20.55	ug/l	100
79) 2-Chlorotoluene	12.68	91	390995	21.07	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	462324	21.49	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	32260	19.33	ug/l	95
82) 4-Chlorotoluene	12.77	91	376633	20.56	ug/l	100
83) tert-Butylbenzene	12.99	119	390582	20.96	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	460083	21.26	ug/l	98
85) sec-Butylbenzene	13.17	105	509815	20.88	ug/l	100
86) p-Isopropyltoluene	13.29	119	437612	21.03	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	242812	19.74	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	232086	19.17	ug/l	100
89) n-Butylbenzene	13.62	91	302336	18.17	ug/l	99
90) Hexachloroethane	13.87	117	85083	21.56	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	240935	20.31	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	19551	20.41	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	82011	16.28	ug/l	99
94) Hexachlorobutadiene	15.01	225	74732	20.59	ug/l	98
95) Naphthalene	15.13	128	155587	16.19	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	88205	17.53	ug/l	100

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

