

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051096.D
 Acq On : 10 Sep 2018 23:32
 Operator : MD\SY
 Sample : VN09MBSD02
 Misc : 5.00uL/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBSD02

Quant Time: Sep 11 05:07:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	625845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	912291	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	817836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	392530	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	357702	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
35) Dibromofluoromethane	7.59	113	345368	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
50) Toluene-d8	10.09	98	1305518	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.40	95	414991	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	114418	18.96	ug/l	100
3) Chloromethane	2.06	50	155649	19.64	ug/l	99
4) Vinyl Chloride	2.18	62	158829	19.17	ug/l	98
5) Bromomethane	2.56	94	94500	19.62	ug/l	98
6) Chloroethane	2.70	64	95502	18.68	ug/l	100
7) Trichlorofluoromethane	3.01	101	214250	19.52	ug/l	97
8) Diethyl Ether	3.41	74	79346	19.65	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	134359	18.99	ug/l	99
10) Methyl Iodide	3.95	142	108319	20.16	ug/l	100
11) Tert butyl alcohol	4.80	59	49882	93.77	ug/l	100
12) 1,1-Dichloroethene	3.74	96	125201	18.75	ug/l	99
13) Acrolein	3.61	56	58588	105.75	ug/l	99
14) Allyl chloride	4.33	41	187460	18.43	ug/l	99
15) Acrylonitrile	5.00	53	231457	98.19	ug/l	99
16) Acetone	3.82	43	152892	84.93	ug/l	96
17) Carbon Disulfide	4.05	76	371714	18.96	ug/l	100
18) Methyl Acetate	4.33	43	105651	18.94	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	348214	19.73	ug/l	100
20) Methylene Chloride	4.55	84	144064	18.73	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	133556	18.44	ug/l	97
22) Diisopropyl ether	5.95	45	414046	20.51	ug/l	100
23) Vinyl Acetate	5.90	43	1348931	98.73	ug/l	100
24) 1,1-Dichloroethane	5.85	63	249660	19.49	ug/l	99
25) 2-Butanone	6.84	43	249948	91.28	ug/l	99
26) 2,2-Dichloropropane	6.82	77	167577	15.98	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	153078	19.27	ug/l	96
28) Bromochloromethane	7.20	49	110217	19.33	ug/l	99
29) Tetrahydrofuran	7.21	42	174461	102.02	ug/l	99
30) Chloroform	7.37	83	249436	19.57	ug/l	100
31) Cyclohexane	7.66	56	222674	19.36	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	212802	19.60	ug/l	99
36) 1,1-Dichloropropene	7.79	75	188816	18.85	ug/l	99
37) Ethyl Acetate	6.93	43	116018	20.00	ug/l	99
38) Carbon Tetrachloride	7.78	117	188748	19.15	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	201224	18.21	ug/l	99
40) Benzene	8.04	78	588375	19.49	ug/l	100
41) Methacrylonitrile	7.18	41	60611m	20.25	ug/l	
42) 1,2-Dichloroethane	8.13	62	172973	19.66	ug/l	98
43) Isopropyl Acetate	8.17	43	200501	19.59	ug/l	100
44) Trichloroethene	8.84	130	155291	18.81	ug/l	100
45) 1,2-Dichloropropane	9.12	63	152383	19.54	ug/l	100
46) Dibromomethane	9.21	93	90358	18.99	ug/l	99
47) Bromodichloromethane	9.40	83	188245	19.46	ug/l	99
48) Methyl methacrylate	9.20	41	99000	19.85	ug/l	97
49) 1,4-Dioxane	9.20	88	29621	378.69	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	568673	100.47	ug/l	100
52) Toluene	10.16	92	359227	19.52	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	177870	18.37	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	210834	18.57	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	131550	19.68	ug/l	99
56) Ethyl methacrylate	10.43	69	158769	19.28	ug/l	98
57) 1,3-Dichloropropane	10.71	76	217734	19.64	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	328347	96.98	ug/l	100
59) 2-Hexanone	10.75	43	363338	94.65	ug/l	99
60) Dibromochloromethane	10.90	129	146054	19.38	ug/l	99
61) 1,2-Dibromoethane	11.01	107	126883	19.42	ug/l	99
64) Tetrachloroethene	10.63	164	144400	19.35	ug/l	98
65) Chlorobenzene	11.43	112	386664	18.76	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	144531	19.47	ug/l	99
67) Ethyl Benzene	11.51	91	638214	19.12	ug/l	99
68) m/p-Xylenes	11.62	106	504938	39.36	ug/l	100
69) o-Xylene	11.95	106	241366	19.43	ug/l	99
70) Styrene	11.96	104	378204	19.63	ug/l	99
71) Bromoform	12.13	173	102009	19.52	ug/l #	99
73) Isopropylbenzene	12.25	105	631697	19.19	ug/l	99
74) N-amyl acetate	12.07	43	153115	18.48	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	165662	21.01	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	139101m	22.03	ug/l	
77) Bromobenzene	12.53	156	164973	18.66	ug/l	99
78) n-propylbenzene	12.59	91	689734	19.06	ug/l	99
79) 2-Chlorotoluene	12.67	91	425682	18.82	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	520419	19.55	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	37711	18.25	ug/l	98
82) 4-Chlorotoluene	12.77	91	420771	18.74	ug/l	100
83) tert-Butylbenzene	12.99	119	447170	19.03	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	520497	19.89	ug/l	100
85) sec-Butylbenzene	13.17	105	577549	19.17	ug/l	99
86) p-Isopropyltoluene	13.29	119	498067	19.49	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	274345	18.29	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	264190	19.19	ug/l	99
89) n-Butylbenzene	13.62	91	355649	17.89	ug/l	98
90) Hexachloroethane	13.87	117	93018	19.62	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	273118	18.68	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22196	20.14	ug/l	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	101658	17.23	ug/l	98
94) Hexachlorobutadiene	15.01	225	85140	18.89	ug/l	99
95) Naphthalene	15.13	128	201777	17.55	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	111852	18.55	ug/l	100

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

