

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101118\
 Data File : VN051806.D
 Acq On : 11 Oct 2018 10:08
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 11 10:27:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 11 10:14:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	830891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1254221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1128272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	500755	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	834881	83.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	166.92%	
35) Dibromofluoromethane	7.59	113	784849	78.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	157.32%	
50) Toluene-d8	10.09	98	2972703	79.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	159.38%	
62) 4-Bromofluorobenzene	12.40	95	953575	76.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	153.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	67908	6.11	ug/l	97
3) Chloromethane	2.06	50	80003	5.83	ug/l	100
4) Vinyl Chloride	2.18	62	122167	9.40	ug/l	100
5) Bromomethane	2.55	94	100975	12.07	ug/l	99
6) Chloroethane	2.69	64	88705	11.82	ug/l	99
7) Trichlorofluoromethane	3.01	101	148970	8.95	ug/l	97
8) Diethyl Ether	3.41	74	46515	8.22	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.75	101	90395	8.70	ug/l	99
10) Methyl Iodide	3.95	142	105326	12.77	ug/l	95
11) Tert butyl alcohol	4.80	59	39435	61.91	ug/l	97
12) 1,1-Dichloroethene	3.73	96	82856	8.88	ug/l	89
13) Acrolein	3.61	56	326363	938.04	ug/l	99
14) Allyl chloride	4.32	41	101497	6.98	ug/l #	80
15) Acrylonitrile	4.99	53	131148	40.51	ug/l	99
16) Acetone	3.82	43	106075	39.24	ug/l	96
17) Carbon Disulfide	4.05	76	214937	6.87	ug/l	99
18) Methyl Acetate	4.33	43	63335	6.71	ug/l #	88
19) Methyl tert-butyl Ether	5.05	73	251253	10.70	ug/l	93
20) Methylene Chloride	4.55	84	93200	8.27	ug/l	94
21) trans-1,2-Dichloroethene	5.04	96	50269	4.98	ug/l	89
22) Diisopropyl ether	5.96	45	224240	7.74	ug/l #	89
23) Vinyl Acetate	5.90	43	821759	44.03	ug/l #	94
24) 1,1-Dichloroethane	5.85	63	150019	8.06	ug/l	95
25) 2-Butanone	6.84	43	158719	39.37	ug/l	93
26) 2,2-Dichloropropane	6.83	77	148131	9.91	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	111795	10.27	ug/l	87
28) Bromochloromethane	7.20	49	509349	64.43	ug/l #	71
29) Tetrahydrofuran	7.22	42	95269	41.22	ug/l #	81
30) Chloroform	7.37	83	181911	9.87	ug/l	100
31) Cyclohexane	7.65	56	143010	7.74	ug/l #	82
32) 1,1,1-Trichloroethane	7.57	97	170421	10.77	ug/l	97
36) 1,1-Dichloropropene	7.79	75	126163	8.52	ug/l	95
37) Ethyl Acetate	6.94	43	61200	7.20	ug/l #	75
38) Carbon Tetrachloride	7.77	117	152420	10.19	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	161834	10.11	ug/l	88
40) Benzene	8.04	78	388740	8.71	ug/l	100
41) Methacrylonitrile	7.21	41	94489	20.54	ug/l #	31
42) 1,2-Dichloroethane	8.13	62	128579	9.64	ug/l	99
43) Isopropyl Acetate	8.17	43	140697	9.62	ug/l	94
44) Trichloroethene	8.84	130	117136	9.95	ug/l	100
45) 1,2-Dichloropropane	9.12	63	90127	7.68	ug/l	97
46) Dibromomethane	9.21	93	68882	9.99	ug/l	99
47) Bromodichloromethane	9.40	83	136364	9.45	ug/l	99
48) Methyl methacrylate	9.20	41	61301	8.23	ug/l #	83
49) 1,4-Dioxane	9.20	88	22415	220.71	ug/l	86
51) 4-Methyl-2-Pentanone	9.99	43	353679	40.54	ug/l	97
52) Toluene	10.16	92	262963	9.95	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	137147	9.55	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	147065	8.94	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	94564	9.64	ug/l	96
56) Ethyl methacrylate	10.43	69	111686	10.04	ug/l #	91
57) 1,3-Dichloropropane	10.71	76	149818	9.25	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	2005150	421.96	ug/l	90
59) 2-Hexanone	10.75	43	236906	40.80	ug/l	98
60) Dibromochloromethane	10.90	129	109783	9.99	ug/l	99
61) 1,2-Dibromoethane	11.01	107	101460	10.69	ug/l	100
64) Tetrachloroethene	10.63	164	118037	11.01	ug/l	96
65) Chlorobenzene	11.43	112	294223	9.98	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	107499	9.96	ug/l	98
67) Ethyl Benzene	11.51	91	487672	10.17	ug/l	97
68) m/p-Xylenes	11.62	106	390273	21.45	ug/l	96
69) o-Xylene	11.95	106	192938	11.03	ug/l	96
70) Styrene	11.97	104	293342	10.73	ug/l	99
71) Bromoform	12.13	173	69468	9.36	ug/l #	99
73) Isopropylbenzene	12.25	105	507092	12.23	ug/l	98
74) N-amyl acetate	12.07	43	103780	9.96	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	112717	10.09	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	138598	15.80	ug/l #	100
77) Bromobenzene	12.53	156	127100	11.28	ug/l	91
78) n-propylbenzene	12.59	91	538435	11.62	ug/l	97
79) 2-Chlorotoluene	12.68	91	327990	11.37	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	416788	12.46	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	28589	11.02	ug/l	96
82) 4-Chlorotoluene	12.77	91	314765	11.05	ug/l	97
83) tert-Butylbenzene	12.99	119	383465	13.23	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	420671	12.50	ug/l	100
85) sec-Butylbenzene	13.17	105	491442	12.94	ug/l	99
86) p-Isopropyltoluene	13.29	119	438088	13.54	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	216972	11.35	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	206529	10.97	ug/l	98
89) n-Butylbenzene	13.62	91	328396	12.69	ug/l	98
90) Hexachloroethane	13.88	117	74616	11.14	ug/l	91
91) 1,2-Dichlorobenzene	13.65	146	211797	11.48	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16393	11.01	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	78314	9.75	ug/l	98
94) Hexachlorobutadiene	15.01	225	69881	11.62	ug/l	98
95) Naphthalene	15.13	128	159505	10.07	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	79813	10.21	ug/l	99

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

