

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101118\
 Data File : VN051805.D
 Acq On : 11 Oct 2018 9:43
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC50

Quant Time: Oct 11 10:17:08 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	875779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1269783	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1188481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	536536	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	501481	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
35) Dibromofluoromethane	7.59	113	475544	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
50) Toluene-d8	10.09	98	1813356	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
62) 4-Bromofluorobenzene	12.40	95	575954	45.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	34827	2.97	ug/l	96
3) Chloromethane	2.06	50	42144	2.92	ug/l	99
4) Vinyl Chloride	2.18	62	61674	4.50	ug/l	99
5) Bromomethane	2.56	94	56557	6.42	ug/l	99
6) Chloroethane	2.70	64	46696	5.90	ug/l	97
7) Trichlorofluoromethane	3.01	101	90030	5.13	ug/l	95
8) Diethyl Ether	3.41	74	23285	3.91	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.76	101	47525	4.34	ug/l	97
10) Methyl Iodide	3.95	142	49035	5.64	ug/l	95
11) Tert butyl alcohol	4.79	59	18155	27.04	ug/l #	72
12) 1,1-Dichloroethene	3.73	96	41576	4.23	ug/l	91
13) Acrolein	3.61	56	161289	439.82	ug/l	98
14) Allyl chloride	4.32	41	52076	3.40	ug/l #	76
15) Acrylonitrile	5.00	53	65139	19.09	ug/l	99
16) Acetone	3.82	43	72670	25.51	ug/l	97
17) Carbon Disulfide	4.05	76	109745	3.33	ug/l	99
18) Methyl Acetate	4.34	43	32509	3.27	ug/l #	88
19) Methyl tert-butyl Ether	5.05	73	130252	5.26	ug/l	94
20) Methylene Chloride	4.55	84	46452	3.91	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	48318	4.54	ug/l	87
22) Diisopropyl ether	5.95	45	112454	3.68	ug/l #	78
23) Vinyl Acetate	5.90	43	409819	20.83	ug/l #	93
24) 1,1-Dichloroethane	5.85	63	79649	4.06	ug/l	97
25) 2-Butanone	6.84	43	94043	22.13	ug/l	91
26) 2,2-Dichloropropane	6.83	77	79238	5.03	ug/l #	71
27) cis-1,2-Dichloroethene	6.83	96	55754	4.86	ug/l	89
28) Bromochloromethane	7.19	49	259884	31.19	ug/l #	72
29) Tetrahydrofuran	7.22	42	47308	19.42	ug/l #	81
30) Chloroform	7.37	83	90152	4.64	ug/l	97
31) Cyclohexane	7.66	56	84181	4.32	ug/l #	77
32) 1,1,1-Trichloroethane	7.57	97	84270	5.05	ug/l	99
36) 1,1-Dichloropropene	7.79	75	65607	4.38	ug/l	94
37) Ethyl Acetate	6.93	43	34224	3.98	ug/l #	79
38) Carbon Tetrachloride	7.77	117	75724	5.00	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	87075	5.37	ug/l #	88
40) Benzene	8.04	78	195370	4.32	ug/l	99
41) Methacrylonitrile	7.17	41	15750	3.38	ug/l #	79
42) 1,2-Dichloroethane	8.13	62	66724	4.94	ug/l	98
43) Isopropyl Acetate	8.17	43	77819	5.26	ug/l	95
44) Trichloroethene	8.83	130	58471	4.91	ug/l	97
45) 1,2-Dichloropropane	9.12	63	46334	3.90	ug/l	98
46) Dibromomethane	9.21	93	34099	4.89	ug/l	99
47) Bromodichloromethane	9.40	83	67408	4.61	ug/l	99
48) Methyl methacrylate	9.20	41	30612	4.06	ug/l #	75
49) 1,4-Dioxane	9.20	88	9807	95.38	ug/l #	88
51) 4-Methyl-2-Pentanone	9.99	43	184943	20.94	ug/l	98
52) Toluene	10.16	92	131834	4.93	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	68070	4.68	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	72551	4.36	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	47736	4.81	ug/l	97
56) Ethyl methacrylate	10.43	69	55942	4.97	ug/l #	89
57) 1,3-Dichloropropane	10.71	76	74383	4.54	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1018029	211.60	ug/l	90
59) 2-Hexanone	10.75	43	136319	23.19	ug/l	99
60) Dibromochloromethane	10.90	129	52390	4.71	ug/l	100
61) 1,2-Dibromoethane	11.01	107	49829	5.19	ug/l	99
64) Tetrachloroethene	10.63	164	61564	5.45	ug/l	99
65) Chlorobenzene	11.43	112	152374	4.91	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	53049	4.67	ug/l	98
67) Ethyl Benzene	11.51	91	247366	4.90	ug/l	96
68) m/p-Xylenes	11.62	106	190364	9.93	ug/l	100
69) o-Xylene	11.95	106	93444	5.07	ug/l	96
70) Styrene	11.97	104	138496	4.81	ug/l	99
71) Bromoform	12.13	173	33153	4.24	ug/l #	97
73) Isopropylbenzene	12.25	105	252029	5.67	ug/l	98
74) N-amyl acetate	12.07	43	49285	4.42	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	57134	4.77	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	67216	7.15	ug/l #	100
77) Bromobenzene	12.53	156	60389	5.00	ug/l	93
78) n-propylbenzene	12.59	91	273116	5.50	ug/l	99
79) 2-Chlorotoluene	12.68	91	157422	5.09	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	201772	5.63	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	14208	5.11	ug/l	99
82) 4-Chlorotoluene	12.77	91	156581	5.13	ug/l	98
83) tert-Butylbenzene	12.99	119	191298	6.16	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	201596	5.59	ug/l	99
85) sec-Butylbenzene	13.17	105	249809	6.14	ug/l	99
86) p-Isopropyltoluene	13.29	119	211266	6.09	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	102460	5.00	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	98513	4.89	ug/l	92
89) n-Butylbenzene	13.62	91	160845	5.80	ug/l	97
90) Hexachloroethane	13.88	117	36707	5.12	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	101689	5.14	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	8217	5.15	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	36458	4.24	ug/l	97
94) Hexachlorobutadiene	15.01	225	34574	5.36	ug/l	95
95) Naphthalene	15.13	128	71503	4.21	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	39672	4.73	ug/l	99

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

