

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101118\
 Data File : VN051807.D
 Acq On : 11 Oct 2018 10:32
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 11 10:58:43 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	865297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1301761	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1206619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	567157	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	1306670	125.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	250.88%	
35) Dibromofluoromethane	7.59	113	1231364	118.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	237.80%	
50) Toluene-d8	10.09	98	4697453	121.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	242.64%	
62) 4-Bromofluorobenzene	12.40	95	1559492	121.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	242.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	104252	9.00	ug/l	99
3) Chloromethane	2.06	50	120003	8.40	ug/l	99
4) Vinyl Chloride	2.18	62	181918	13.45	ug/l	97
5) Bromomethane	2.54	94	155161	17.82	ug/l	99
6) Chloroethane	2.69	64	132884	17.00	ug/l	95
7) Trichlorofluoromethane	3.00	101	282099	16.28	ug/l	100
8) Diethyl Ether	3.41	74	72069	12.23	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	3.75	101	136079	12.57	ug/l	98
10) Methyl Iodide	3.95	142	171842	20.00	ug/l	96
11) Tert butyl alcohol	4.80	59	56959	85.87	ug/l #	91
12) 1,1-Dichloroethene	3.73	96	126794	13.05	ug/l	92
13) Acrolein	3.61	56	523933	1446.02	ug/l	100
14) Allyl chloride	4.32	41	156143	10.31	ug/l #	78
15) Acrylonitrile	4.99	53	206339	61.21	ug/l	99
16) Acetone	3.82	43	159548	56.68	ug/l	100
17) Carbon Disulfide	4.05	76	328762	10.09	ug/l	99
18) Methyl Acetate	4.33	43	100041	10.17	ug/l	92
19) Methyl tert-butyl Ether	5.05	73	383054	15.67	ug/l	92
20) Methylene Chloride	4.55	84	146747	12.50	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	141382	13.45	ug/l	90
22) Diisopropyl ether	5.96	45	332817	11.03	ug/l #	89
23) Vinyl Acetate	5.90	43	1255929	64.62	ug/l #	93
24) 1,1-Dichloroethane	5.85	63	233105	12.03	ug/l	97
25) 2-Butanone	6.84	43	239477	57.05	ug/l	93
26) 2,2-Dichloropropane	6.82	77	218680	14.05	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	165664	14.62	ug/l	90
28) Bromochloromethane	7.20	49	772841	93.87	ug/l #	69
29) Tetrahydrofuran	7.22	42	150541	62.55	ug/l #	83
30) Chloroform	7.37	83	274387	14.30	ug/l	97
31) Cyclohexane	7.65	56	208536	10.83	ug/l #	83
32) 1,1,1-Trichloroethane	7.57	97	260014	15.78	ug/l	97
36) 1,1-Dichloropropene	7.79	75	196720	12.81	ug/l	96
37) Ethyl Acetate	6.93	43	107195	12.15	ug/l	97
38) Carbon Tetrachloride	7.77	117	234216	15.08	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	246980	14.86	ug/l	88
40) Benzene	8.04	78	596725	12.88	ug/l	100
41) Methacrylonitrile	7.18	41	53586	11.22	ug/l #	84
42) 1,2-Dichloroethane	8.13	62	192773	13.92	ug/l	100
43) Isopropyl Acetate	8.17	43	214929	14.17	ug/l	96
44) Trichloroethene	8.84	130	178179	14.58	ug/l	98
45) 1,2-Dichloropropane	9.12	63	135868	11.16	ug/l	99
46) Dibromomethane	9.21	93	106792	14.93	ug/l	100
47) Bromodichloromethane	9.40	83	214091	14.29	ug/l	97
48) Methyl methacrylate	9.20	41	93360	12.07	ug/l #	80
49) 1,4-Dioxane	9.20	88	36518	346.45	ug/l	86
51) 4-Methyl-2-Pentanone	9.99	43	547742	60.50	ug/l	96
52) Toluene	10.16	92	404880	14.75	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	215397	14.44	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	229470	13.44	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	147186	14.45	ug/l	98
56) Ethyl methacrylate	10.43	69	179218	15.52	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	233915	13.91	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	3157309	640.15	ug/l #	89
59) 2-Hexanone	10.75	43	368261	61.10	ug/l	96
60) Dibromochloromethane	10.90	129	175442	15.38	ug/l	100
61) 1,2-Dibromoethane	11.01	107	160147	16.26	ug/l	98
64) Tetrachloroethene	10.63	164	178649	15.59	ug/l	97
65) Chlorobenzene	11.44	112	460467	14.60	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	170662	14.79	ug/l	100
67) Ethyl Benzene	11.51	91	768745	14.99	ug/l	99
68) m/p-Xylenes	11.62	106	613299	31.51	ug/l	97
69) o-Xylene	11.95	106	305808	16.34	ug/l	94
70) Styrene	11.97	104	465655	15.92	ug/l	99
71) Bromoform	12.13	173	113124	14.26	ug/l #	100
73) Isopropylbenzene	12.25	105	802297	17.08	ug/l	99
74) N-amyl acetate	12.07	43	169867	14.40	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.51	83	177405	14.02	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	216104	21.75	ug/l #	100
77) Bromobenzene	12.53	156	206542	16.18	ug/l	89
78) n-propylbenzene	12.59	91	867958	16.54	ug/l	97
79) 2-Chlorotoluene	12.68	91	518274	15.86	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	665024	17.55	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	44449	15.13	ug/l	93
82) 4-Chlorotoluene	12.77	91	514331	15.94	ug/l	98
83) tert-Butylbenzene	12.99	119	611727	18.64	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	667426	17.51	ug/l	99
85) sec-Butylbenzene	13.17	105	792809	18.44	ug/l	99
86) p-Isopropyltoluene	13.29	119	696841	19.02	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	355717	16.42	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	340495	15.97	ug/l	100
89) n-Butylbenzene	13.62	91	533637	18.21	ug/l	98
90) Hexachloroethane	13.88	117	117225	15.46	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	346985	16.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28007	16.61	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	142445	15.66	ug/l	99
94) Hexachlorobutadiene	15.01	225	109144	16.02	ug/l	99
95) Naphthalene	15.13	128	286608	15.97	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	144897	16.36	ug/l	98

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

