

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121318\
 Data File : VN052875.D
 Acq On : 13 Dec 2018 20:01
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/14/2018 9:03:21 AM

Quant Time: Dec 14 03:20:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1078893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1661664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1483034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	698521	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	563292	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
35) Dibromofluoromethane	7.59	113	466828	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
50) Toluene-d8	10.09	98	2043648	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.40	95	696837	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	535599	48.225	ug/l	99
3) Chloromethane	2.06	50	633702	47.541	ug/l	100
4) Vinyl Chloride	2.19	62	656480	49.228	ug/l	99
5) Bromomethane	2.57	94	397376	48.312	ug/l	99
6) Chloroethane	2.71	64	387224	49.125	ug/l	100
7) Trichlorofluoromethane	3.02	101	813101	49.180	ug/l	99
8) Diethyl Ether	3.41	74	312883	51.879	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	498380	48.638	ug/l	98
10) Methyl Iodide	3.96	142	730889	50.933	ug/l	100
11) Tert butyl alcohol	4.77	59	152184	237.421	ug/l	98
12) 1,1-Dichloroethene	3.74	96	497572	50.162	ug/l	99
13) Acrolein	3.61	56	150771	249.830	ug/l	99
14) Allyl chloride	4.33	41	816160	50.375	ug/l	95
15) Acrylonitrile	4.99	53	893690	248.523	ug/l	98
16) Acetone	3.82	43	570416	221.395	ug/l	97
17) Carbon Disulfide	4.06	76	1435663	47.114	ug/l	100
18) Methyl Acetate	4.33	43	461339	48.790	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1361220	50.549	ug/l	99
20) Methylene Chloride	4.55	84	555801	47.936	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	526635	49.005	ug/l	99
22) Diisopropyl ether	5.95	45	1724473	49.892	ug/l	99
23) Vinyl Acetate	5.90	43	5129640	249.412	ug/l	99
24) 1,1-Dichloroethane	5.85	63	996961	50.018	ug/l	99
25) 2-Butanone	6.83	43	945609	236.535	ug/l	97
26) 2,2-Dichloropropane	6.83	77	684542	46.636	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	611478	50.134	ug/l	99
28) Bromochloromethane	7.20	49	450334	50.314	ug/l	98
29) Tetrahydrofuran	7.21	42	668244	244.848	ug/l	99
30) Chloroform	7.37	83	972705	50.044	ug/l	100
31) Cyclohexane	7.65	56	924393	47.523	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	812393	49.955	ug/l	100
36) 1,1-Dichloropropene	7.80	75	766188	50.072	ug/l	100
37) Ethyl Acetate	6.93	43	451969	49.168	ug/l	98
38) Carbon Tetrachloride	7.78	117	707712	50.248	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	914789	48.717	ug/l	99
40) Benzene	8.04	78	2295017	49.972	ug/l	100
41) Methacrylonitrile	7.17	41	264571	51.946	ug/l	94
42) 1,2-Dichloroethane	8.12	62	686423	49.646	ug/l	99
43) Isopropyl Acetate	8.16	43	854119	45.319	ug/l	100
44) Trichloroethene	8.84	130	616929	49.732	ug/l	99
45) 1,2-Dichloropropane	9.12	63	600557	49.925	ug/l	98
46) Dibromomethane	9.21	93	345510	49.526	ug/l	98
47) Bromodichloromethane	9.40	83	731136	50.539	ug/l	99
48) Methyl methacrylate	9.20	41	423296	51.215	ug/l	99
49) 1,4-Dioxane	9.20	88	95227	1015.039	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	2176972	251.905	ug/l	100
52) Toluene	10.16	92	1412976	50.798	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	741264	50.920	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	878993	50.671	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	497936	50.148	ug/l	99
56) Ethyl methacrylate	10.43	69	663381	52.059	ug/l	99
57) 1,3-Dichloropropane	10.71	76	857465	50.358	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1836924	258.350	ug/l	99
59) 2-Hexanone	10.75	43	1451426	245.068	ug/l	100
60) Dibromochloromethane	10.90	129	549119	51.170	ug/l	100
61) 1,2-Dibromoethane	11.01	107	494426	50.375	ug/l	99
64) Tetrachloroethene	10.63	164	638828	50.119	ug/l	98
65) Chlorobenzene	11.44	112	1555729	50.564	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	541911	50.643	ug/l	100
67) Ethyl Benzene	11.51	91	2684590	50.809	ug/l	100
68) m/p-Xylenes	11.62	106	2026985	102.167	ug/l	100
69) o-Xylene	11.95	106	992743	51.243	ug/l	100
70) Styrene	11.96	104	1633983	52.467	ug/l	99
71) Bromoform	12.13	173	367941	50.613	ug/l #	100
73) Isopropylbenzene	12.25	105	2622367	50.281	ug/l	100
74) N-amyl acetate	12.07	43	718474	50.178	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	565503	48.381	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	490989m	47.642	ug/l	
77) Bromobenzene	12.53	156	665129	50.141	ug/l	100
78) n-propylbenzene	12.59	91	3005499	50.529	ug/l	99
79) 2-Chlorotoluene	12.68	91	1751497	49.809	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2127423	50.531	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	159127	49.602	ug/l	99
82) 4-Chlorotoluene	12.77	91	1798251	50.016	ug/l	100
83) tert-Butylbenzene	12.99	119	1860597	50.098	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2146428	50.360	ug/l	100
85) sec-Butylbenzene	13.17	105	2524010	50.183	ug/l	100
86) p-Isopropyltoluene	13.29	119	2196852	50.415	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1172865	49.754	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1154712	49.463	ug/l	99
89) n-Butylbenzene	13.62	91	1841021	50.186	ug/l	100
90) Hexachloroethane	13.88	117	361390	49.528	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1123025	49.525	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	86992	49.373	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	631401	51.224	ug/l	99
94) Hexachlorobutadiene	15.01	225	342249	47.970	ug/l	99
95) Naphthalene	15.13	128	1326152	51.946	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	577357	51.047	ug/l	100

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

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