

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031219\
 Data File : VN054160.D
 Acq On : 12 Mar 2019 11:21
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 3/13/2019 11:49:13 AM

Quant Time: Mar 13 03:26:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 02:32:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1554889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2386411	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2112488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1017014	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	833851	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
35) Dibromofluoromethane	7.59	113	761856	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	10.09	98	2799366	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.40	95	976431	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	790481	53.641	ug/l	100
3) Chloromethane	2.06	50	699158	48.843	ug/l	100
4) Vinyl Chloride	2.19	62	811994	49.630	ug/l	100
5) Bromomethane	2.57	94	530931	46.854	ug/l	100
6) Chloroethane	2.71	64	474131	47.896	ug/l	100
7) Trichlorofluoromethane	3.02	101	1042804	47.939	ug/l	100
8) Diethyl Ether	3.41	74	517079	52.163	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	861002	52.820	ug/l	100
10) Methyl Iodide	3.94	142	1179884	50.940	ug/l	100
11) Tert butyl alcohol	4.81	59	284870	250.626	ug/l	100
12) 1,1-Dichloroethene	3.73	96	845433	52.337	ug/l	100
13) Acrolein	3.61	56	280277	261.281	ug/l	100
14) Allyl chloride	4.32	41	1098632	53.008	ug/l	100
15) Acrylonitrile	4.99	53	1226836	263.832	ug/l	100
16) Acetone	3.82	43	1218368	257.690	ug/l	100
17) Carbon Disulfide	4.04	76	2189253	54.063	ug/l	100
18) Methyl Acetate	4.33	43	520341	54.397	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	2094881	52.320	ug/l	100
20) Methylene Chloride	4.54	84	789057	50.826	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	802074	51.823	ug/l	100
22) Diisopropyl ether	5.96	45	2175006	52.581	ug/l	100
23) Vinyl Acetate	5.90	43	8263763	270.957	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1378126	51.888	ug/l	100
25) 2-Butanone	6.84	43	1508023	271.752	ug/l	100
26) 2,2-Dichloropropane	6.82	77	1200218	51.387	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	909043	52.647	ug/l	100
28) Bromochloromethane	7.19	49	560492	51.621	ug/l	100
29) Tetrahydrofuran	7.22	42	936716	262.534	ug/l	100
30) Chloroform	7.37	83	1443385	52.080	ug/l	100
31) Cyclohexane	7.65	56	1276471	51.442	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	1328582	53.080	ug/l	100
36) 1,1-Dichloropropene	7.79	75	1118728	50.905	ug/l	100
37) Ethyl Acetate	6.94	43	648115	49.985	ug/l	100
38) Carbon Tetrachloride	7.77	117	1186073	51.464	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1391212	51.451	ug/l	100
40) Benzene	8.04	78	3232991	51.408	ug/l	100
41) Methacrylonitrile	7.18	41	364462	52.565	ug/l	100
42) 1,2-Dichloroethane	8.12	62	1076861	50.718	ug/l	100
43) Isopropyl Acetate	8.17	43	1156616	52.182	ug/l	100
44) Trichloroethene	8.83	130	997475	51.058	ug/l	100
45) 1,2-Dichloropropane	9.12	63	806518	51.647	ug/l	100
46) Dibromomethane	9.21	93	533154	50.531	ug/l	100
47) Bromodichloromethane	9.40	83	1106266	52.301	ug/l	100
48) Methyl methacrylate	9.20	41	605189	53.802	ug/l	100
49) 1,4-Dioxane	9.20	88	161959	1017.929	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	3100082	264.291	ug/l	100
52) Toluene	10.16	92	2032528	50.972	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	1150885	47.668	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1304150	52.910	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	745978	51.234	ug/l	100
56) Ethyl methacrylate	10.43	69	908023	52.302	ug/l	100
57) 1,3-Dichloropropane	10.71	76	1221947	51.326	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1709266	228.487	ug/l	100
59) 2-Hexanone	10.75	43	2021324	258.978	ug/l	100
60) Dibromochloromethane	10.90	129	873094	53.275	ug/l	100
61) 1,2-Dibromoethane	11.01	107	766964	51.835	ug/l	100
64) Tetrachloroethene	10.63	164	1016519	49.769	ug/l	100
65) Chlorobenzene	11.43	112	2351240	50.690	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	885071	52.526	ug/l	100
67) Ethyl Benzene	11.51	91	3891348	50.609	ug/l	100
68) m/p-Xylenes	11.62	106	3053633	101.611	ug/l	100
69) o-Xylene	11.95	106	1490790	50.887	ug/l	100
70) Styrene	11.96	104	2387195	51.957	ug/l	100
71) Bromoform	12.13	173	612684	47.807	ug/l	100
73) Isopropylbenzene	12.25	105	3965640	48.737	ug/l	100
74) N-amyl acetate	12.07	43	935500	51.797	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	852943	49.201	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	741727m	48.950	ug/l	
77) Bromobenzene	12.53	156	1052877	48.900	ug/l	100
78) n-propylbenzene	12.59	91	4391721	49.743	ug/l	100
79) 2-Chlorotoluene	12.67	91	2591256	48.813	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	3302954	48.802	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	228263	46.593	ug/l	100
82) 4-Chlorotoluene	12.77	91	2626216	49.544	ug/l	100
83) tert-Butylbenzene	12.99	119	3014439	48.389	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	3299169	49.688	ug/l	100
85) sec-Butylbenzene	13.17	105	3956163	48.969	ug/l	100
86) p-Isopropyltoluene	13.29	119	3516408	49.613	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1822566	50.235	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1790296	50.222	ug/l	100
89) n-Butylbenzene	13.62	91	2814675	52.266	ug/l	100
90) Hexachloroethane	13.88	117	603082	51.387	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1764221	49.742	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	135521	50.519	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	1007335	47.192	ug/l	100
94) Hexachlorobutadiene	15.01	225	633853	46.919	ug/l	100
95) Naphthalene	15.13	128	2026396	45.746	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	1007978	53.489	ug/l	100

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

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