

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110518\
 Data File : VN052146.D
 Acq On : 5 Nov 2018 14:02
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 11/6/2018 9:59:54 AM

Quant Time: Nov 05 22:22:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:07:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	390493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	658375	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	602829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	272662	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	233362	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
35) Dibromofluoromethane	7.59	113	207416	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
50) Toluene-d8	10.09	98	804752	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.40	95	271042	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	172863	50.766	ug/l	100
3) Chloromethane	2.06	50	232420	50.570	ug/l	100
4) Vinyl Chloride	2.19	62	221680	50.360	ug/l	100
5) Bromomethane	2.57	94	154998	47.100	ug/l	100
6) Chloroethane	2.71	64	143345	50.930	ug/l	100
7) Trichlorofluoromethane	3.02	101	322116	50.376	ug/l	100
8) Diethyl Ether	3.41	74	111684	49.995	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	190424	49.836	ug/l	100
10) Methyl Iodide	3.96	142	274456	50.875	ug/l	100
11) Tert butyl alcohol	4.77	59	45123m	223.954	ug/l	
12) 1,1-Dichloroethene	3.74	96	181500	50.454	ug/l	100
13) Acrolein	3.61	56	49654	274.117	ug/l	100
14) Allyl chloride	4.33	41	315122	52.486	ug/l	100
15) Acrylonitrile	4.99	53	336071	253.547	ug/l	100
16) Acetone	3.82	43	247253	235.686	ug/l	100
17) Carbon Disulfide	4.06	76	516922	50.355	ug/l	100
18) Methyl Acetate	4.32	43	149309	45.989	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	510883	51.554	ug/l	100
20) Methylene Chloride	4.55	84	211790	48.587	ug/l	100
21) trans-1,2-Dichloroethene	5.05	96	202631	54.165	ug/l	100
22) Diisopropyl ether	5.95	45	678836	51.287	ug/l	100
23) Vinyl Acetate	5.90	43	2341864	268.997	ug/l	100
24) 1,1-Dichloroethane	5.86	63	373882	49.934	ug/l	100
25) 2-Butanone	6.84	43	390051	239.775	ug/l	100
26) 2,2-Dichloropropane	6.83	77	301027	51.402	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	231638	51.041	ug/l	100
28) Bromochloromethane	7.19	49	182900	51.597	ug/l	100
29) Tetrahydrofuran	7.21	42	261624	259.933	ug/l	100
30) Chloroform	7.37	83	381667	51.185	ug/l	100
31) Cyclohexane	7.65	56	357278	42.263	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	339403	51.315	ug/l	100
36) 1,1-Dichloropropene	7.80	75	300741	51.636	ug/l	100
37) Ethyl Acetate	6.93	43	181845	49.585	ug/l	100
38) Carbon Tetrachloride	7.78	117	300664	51.672	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110518\
 Data File : VN052146.D
 Acq On : 5 Nov 2018 14:02
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 11/6/2018 9:59:54 AM

Quant Time: Nov 05 22:22:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:07:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	361715	52.440	ug/l	100
40) Benzene	8.04	78	879375	51.361	ug/l	100
41) Methacrylonitrile	7.18	41	99049	52.544	ug/l	100
42) 1,2-Dichloroethane	8.13	62	278011	50.511	ug/l	100
43) Isopropyl Acetate	8.16	43	338504	50.938	ug/l	100
44) Trichloroethene	8.84	130	231814	51.140	ug/l	100
45) 1,2-Dichloropropane	9.12	63	232928	51.370	ug/l	100
46) Dibromomethane	9.21	93	144313	50.045	ug/l	100
47) Bromodichloromethane	9.40	83	291022	51.748	ug/l	100
48) Methyl methacrylate	9.20	41	165505	51.746	ug/l	100
49) 1,4-Dioxane	9.20	88	26530	1027.716	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	904189	257.545	ug/l	100
52) Toluene	10.16	92	550764	53.345	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	295931	53.639	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	343509	53.209	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	190522	52.339	ug/l	100
56) Ethyl methacrylate	10.43	69	248223	52.315	ug/l	100
57) 1,3-Dichloropropane	10.71	76	328771	51.268	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	690570	270.441	ug/l	100
59) 2-Hexanone	10.75	43	628235	257.057	ug/l	100
60) Dibromochloromethane	10.90	129	222904	53.847	ug/l	100
61) 1,2-Dibromoethane	11.01	107	195621	52.940	ug/l	100
64) Tetrachloroethene	10.63	164	201804	51.672	ug/l	100
65) Chlorobenzene	11.43	112	616668	50.188	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	218050	52.843	ug/l	100
67) Ethyl Benzene	11.51	91	1059425	51.912	ug/l	100
68) m/p-Xylenes	11.62	106	823392	104.563	ug/l	100
69) o-Xylene	11.95	106	396570	51.929	ug/l	100
70) Styrene	11.96	104	636824	52.677	ug/l	100
71) Bromoform	12.13	173	130496	54.610	ug/l #	100
73) Isopropylbenzene	12.25	105	1053756	51.114	ug/l	100
74) N-amyl acetate	12.07	43	312667	47.906	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	227245	50.358	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	214551m	58.946	ug/l	
77) Bromobenzene	12.53	156	253603	51.586	ug/l	100
78) n-propylbenzene	12.59	91	1198330	50.861	ug/l	100
79) 2-Chlorotoluene	12.67	91	682287	49.383	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	846043	50.699	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	63132	52.681	ug/l	100
82) 4-Chlorotoluene	12.77	91	698610	50.308	ug/l	100
83) tert-Butylbenzene	12.99	119	738022	50.086	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	850403	51.194	ug/l	100
85) sec-Butylbenzene	13.17	105	1000286	50.204	ug/l	100
86) p-Isopropyltoluene	13.29	119	867415	51.723	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	440579	50.713	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	440207	50.695	ug/l	100
89) n-Butylbenzene	13.62	91	734673	50.593	ug/l	100
90) Hexachloroethane	13.87	117	148066	52.388	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	418734	51.359	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29593	49.679	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110518\
Data File : VN052146.D
Acq On : 5 Nov 2018 14:02
Operator : MD\SY
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
11/6/2018 9:59:54 AM

Quant Time: Nov 05 22:22:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 05 22:07:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	181568	47.915	ug/l	100
94) Hexachlorobutadiene	15.01	225	94984	43.117	ug/l	100
95) Naphthalene	15.13	128	415338	49.744	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	156954	46.743	ug/l	100

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

