

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111219\
 Data File : VN059176.D
 Acq On : 12 Nov 2019 9:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 12:07:55 PM

Quant Time: Nov 13 05:46:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	452909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	699501	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	646100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	316648	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	283846	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
35) Dibromofluoromethane	7.56	113	221793	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
50) Toluene-d8	10.08	98	849205	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
62) 4-Bromofluorobenzene	12.40	95	316974	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	207755	45.528	ug/l	99
3) Chloromethane	2.04	50	276805	44.624	ug/l	100
4) Vinyl Chloride	2.17	62	281105	46.742	ug/l	100
5) Bromomethane	2.53	94	164586	47.557	ug/l	97
6) Chloroethane	2.68	64	169360	47.606	ug/l	98
7) Trichlorofluoromethane	2.99	101	346465	48.165	ug/l	98
8) Diethyl Ether	3.38	74	136102	46.565	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	205606	47.406	ug/l	99
10) Methyl Iodide	3.92	142	255037	47.506	ug/l	99
11) Tert butyl alcohol	4.75	59	243849	229.823	ug/l	99
12) 1,1-Dichloroethene	3.71	96	193405	45.777	ug/l	97
13) Acrolein	3.58	56	140790	257.365	ug/l	100
14) Allyl chloride	4.29	41	398873	45.961	ug/l	99
15) Acrylonitrile	4.95	53	648798	245.707	ug/l	99
16) Acetone	3.79	43	804123	277.747	ug/l	99
17) Carbon Disulfide	4.02	76	555916	42.387	ug/l	100
18) Methyl Acetate	4.29	43	338896	49.316	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	716779	49.277	ug/l	99
20) Methylene Chloride	4.52	84	235543	46.699	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	216118	47.655	ug/l	98
22) Diisopropyl ether	5.92	45	819650	50.001	ug/l	99
23) Vinyl Acetate	5.86	43	3370764	265.320	ug/l	100
24) 1,1-Dichloroethane	5.82	63	443259	48.414	ug/l	99
25) 2-Butanone	6.81	43	990300	259.536	ug/l	99
26) 2,2-Dichloropropane	6.80	77	381705	47.678	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	254421	48.356	ug/l	100
28) Bromochloromethane	7.17	49	137524	49.926	ug/l	99
29) Tetrahydrofuran	7.18	42	596096	245.867	ug/l	100
30) Chloroform	7.35	83	430136	48.975	ug/l	100
31) Cyclohexane	7.63	56	380044	43.847	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	365415	49.487	ug/l	99
36) 1,1-Dichloropropene	7.77	75	320924	49.084	ug/l	100
37) Ethyl Acetate	6.90	43	363023	49.909	ug/l	100
38) Carbon Tetrachloride	7.75	117	320888	49.309	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111219\
 Data File : VN059176.D
 Acq On : 12 Nov 2019 9:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 12:07:55 PM

Quant Time: Nov 13 05:46:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	370490	48.824	ug/l	99
40) Benzene	8.02	78	978150	49.680	ug/l	100
41) Methacrylonitrile	7.15	41	152856m	48.328	ug/l	
42) 1,2-Dichloroethane	8.10	62	343830	50.916	ug/l	99
43) Isopropyl Acetate	8.14	43	573775	49.480	ug/l	99
44) Trichloroethene	8.81	130	237798	49.133	ug/l	99
45) 1,2-Dichloropropane	9.10	63	267034	49.932	ug/l	99
46) Dibromomethane	9.19	93	164781	49.446	ug/l	99
47) Bromodichloromethane	9.39	83	342124	51.412	ug/l	95
48) Methyl methacrylate	9.18	41	263876	50.874	ug/l	99
49) 1,4-Dioxane	9.18	88	96996	1052.263	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	1828234	278.638	ug/l	99
52) Toluene	10.14	92	597413	50.624	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	389039	50.602	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	420701	50.871	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	240453	50.346	ug/l	99
56) Ethyl methacrylate	10.42	69	377583	47.498	ug/l	99
57) 1,3-Dichloropropane	10.70	76	421481	51.275	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	661900	249.025	ug/l	100
59) 2-Hexanone	10.74	43	1429734	283.896	ug/l	99
60) Dibromochloromethane	10.90	129	265576	52.593	ug/l	100
61) 1,2-Dibromoethane	11.00	107	245603	50.799	ug/l	99
64) Tetrachloroethene	10.62	164	209785	47.750	ug/l	99
65) Chlorobenzene	11.43	112	628986	49.939	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	239317	50.653	ug/l	98
67) Ethyl Benzene	11.51	91	1152346	51.567	ug/l	98
68) m/p-Xylenes	11.62	106	859277	102.653	ug/l	100
69) o-Xylene	11.94	106	412418	50.982	ug/l	98
70) Styrene	11.96	104	686526	53.962	ug/l	100
71) Bromoform	12.12	173	192598	52.407	ug/l #	99
73) Isopropylbenzene	12.25	105	1117447	48.515	ug/l	99
74) N-amyl acetate	12.07	43	495359	50.754	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	377766	48.161	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	345475m	47.923	ug/l	
77) Bromobenzene	12.53	156	271484	46.914	ug/l	99
78) n-propylbenzene	12.59	91	1328306	50.366	ug/l	100
79) 2-Chlorotoluene	12.67	91	787222	48.117	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	959894	49.182	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	134117	49.139	ug/l	100
82) 4-Chlorotoluene	12.77	91	806534	49.151	ug/l	100
83) tert-Butylbenzene	12.99	119	818623	48.570	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	952763	50.457	ug/l	100
85) sec-Butylbenzene	13.17	105	1091731	49.805	ug/l	99
86) p-Isopropyltoluene	13.29	119	999263	51.629	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	489072	49.354	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	485455	48.963	ug/l	99
89) n-Butylbenzene	13.62	91	871261	51.432	ug/l	100
90) Hexachloroethane	13.88	117	186146	47.896	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	478151	49.051	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	74061	47.327	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111219\
Data File : VN059176.D
Acq On : 12 Nov 2019 9:24
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
11/13/2019 12:07:55 PM

Quant Time: Nov 13 05:46:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	271419	46.142	ug/l	100
94) Hexachlorobutadiene	15.01	225	165438	49.220	ug/l	99
95) Naphthalene	15.13	128	734801	45.099	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	273165	50.003	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111219\
 Data File : VN059176.D
 Acq On : 12 Nov 2019 9:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 12:07:55 PM

Quant Time: Nov 13 05:46:55 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

