

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091319\
 Data File : VN057971.D
 Acq On : 12 Sep 2019 15:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 1:05:44 PM

Quant Time: Sep 13 05:42:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	318281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	514029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	492705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	305563	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	329946	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
35) Dibromofluoromethane	7.58	113	239751	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	10.09	98	963759	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
62) 4-Bromofluorobenzene	12.41	95	353866	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	223210	50.710	ug/l	100
3) Chloromethane	2.03	50	197735	44.076	ug/l	98
4) Vinyl Chloride	2.16	62	211330	44.508	ug/l	99
5) Bromomethane	2.53	94	112456	42.883	ug/l	96
6) Chloroethane	2.67	64	134940	44.600	ug/l	99
7) Trichlorofluoromethane	2.99	101	271475	45.433	ug/l	95
8) Diethyl Ether	3.39	74	118134	47.402	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	184445	48.932	ug/l	99
10) Methyl Iodide	3.93	142	186093	44.365	ug/l	99
11) Tert butyl alcohol	4.77	59	202950	260.114	ug/l	99
12) 1,1-Dichloroethene	3.71	96	155500	45.882	ug/l	94
13) Acrolein	3.59	56	123160	186.057	ug/l	98
14) Allyl chloride	4.30	41	303693	45.788	ug/l	99
15) Acrylonitrile	4.96	53	557751	260.078	ug/l	99
16) Acetone	3.80	43	476511	225.483	ug/l	97
17) Carbon Disulfide	4.03	76	224374	42.560	ug/l	99
18) Methyl Acetate	4.30	43	302244	53.640	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	714547	50.662	ug/l	100
20) Methylene Chloride	4.53	84	209775	52.197	ug/l	97
21) trans-1,2-Dichloroethene	5.02	96	167037	45.593	ug/l	99
22) Diisopropyl ether	5.93	45	782417	50.303	ug/l	99
23) Vinyl Acetate	5.88	43	2933303	266.105	ug/l	100
24) 1,1-Dichloroethane	5.83	63	418492	49.231	ug/l	100
25) 2-Butanone	6.82	43	774287	253.144	ug/l	99
26) 2,2-Dichloropropane	6.81	77	305232	45.373	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	236329	48.134	ug/l	98
28) Bromochloromethane	7.18	49	209709	49.380	ug/l	98
29) Tetrahydrofuran	7.20	42	495221	262.749	ug/l	99
30) Chloroform	7.36	83	437790	49.255	ug/l	97
31) Cyclohexane	7.64	56	294801	50.932	ug/l	98
32) 1,1,1-Trichloroethane	7.56	97	347480	49.293	ug/l	99
36) 1,1-Dichloropropene	7.78	75	280334	47.025	ug/l	100
37) Ethyl Acetate	6.91	43	312415	50.723	ug/l	98
38) Carbon Tetrachloride	7.76	117	277802	51.041	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091319\
 Data File : VN057971.D
 Acq On : 12 Sep 2019 15:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 1:05:44 PM

Quant Time: Sep 13 05:42:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	296405	47.298	ug/l	98
40) Benzene	8.03	78	890342	49.608	ug/l	99
41) Methacrylonitrile	7.16	41	151543	54.202	ug/l	96
42) 1,2-Dichloroethane	8.11	62	360878	50.276	ug/l	100
43) Isopropyl Acetate	8.16	43	545474	52.663	ug/l #	91
44) Trichloroethene	8.83	130	213151	48.421	ug/l	99
45) 1,2-Dichloropropane	9.11	63	263931	50.538	ug/l	100
46) Dibromomethane	9.20	93	159166	50.435	ug/l	99
47) Bromodichloromethane	9.40	83	333394	52.904	ug/l	99
48) Methyl methacrylate	9.19	41	269195	51.235	ug/l	99
49) 1,4-Dioxane	9.19	88	91664	1031.645	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1745710	284.808	ug/l	100
52) Toluene	10.15	92	565973	50.068	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	346451	52.205	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	373058	50.916	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	248366	51.869	ug/l	98
56) Ethyl methacrylate	10.43	69	384629	53.342	ug/l	99
57) 1,3-Dichloropropane	10.71	76	422425	51.191	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	883596	260.175	ug/l	100
59) 2-Hexanone	10.75	43	1283720	279.420	ug/l	99
60) Dibromochloromethane	10.90	129	239131	53.781	ug/l	98
61) 1,2-Dibromoethane	11.01	107	232933	51.456	ug/l	100
64) Tetrachloroethene	10.63	164	174842	48.061	ug/l	100
65) Chlorobenzene	11.44	112	643165	49.879	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	235571	52.650	ug/l	98
67) Ethyl Benzene	11.51	91	1168584	51.712	ug/l	100
68) m/p-Xylenes	11.62	106	852704	103.013	ug/l	100
69) o-Xylene	11.95	106	420628	51.114	ug/l	97
70) Styrene	11.97	104	750212	52.972	ug/l	99
71) Bromoform	12.13	173	148941	53.392	ug/l #	99
73) Isopropylbenzene	12.25	105	1186694	50.049	ug/l	99
74) N-amyl acetate	12.07	43	525140	50.891	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	392013	49.104	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	331007m	47.886	ug/l	
77) Bromobenzene	12.53	156	273878	46.329	ug/l	98
78) n-propylbenzene	12.60	91	1406353	51.653	ug/l	99
79) 2-Chlorotoluene	12.68	91	832150	48.357	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	1024985	51.162	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	93864	47.785	ug/l	93
82) 4-Chlorotoluene	12.78	91	868400	49.140	ug/l	99
83) tert-Butylbenzene	13.00	119	880517	49.444	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	1046431	51.392	ug/l	99
85) sec-Butylbenzene	13.18	105	1211255	51.316	ug/l	99
86) p-Isopropyltoluene	13.30	119	1086432	52.239	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	528468	48.703	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	535671	48.635	ug/l	99
89) n-Butylbenzene	13.62	91	1009560	51.403	ug/l	100
90) Hexachloroethane	13.88	117	160595	51.922	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	529840	48.877	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	70936	53.804	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091319\
Data File : VN057971.D
Acq On : 12 Sep 2019 15:13
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/13/2019 1:05:44 PM

Quant Time: Sep 13 05:42:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	328408	46.350	ug/l	99
94) Hexachlorobutadiene	15.02	225	145043	48.290	ug/l	99
95) Naphthalene	15.13	128	961210	53.857	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	314407	50.812	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091319\
Data File : VN057971.D
Acq On : 12 Sep 2019 15:13
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/13/2019 1:05:44 PM

Quant Time: Sep 13 05:42:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration

