

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055746.D
 Acq On : 23 May 2019 10:35
 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
 5/24/2019 9:22:04 AM

Quant Time: May 24 06:06:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 05:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	355927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	515264	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	462089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	216909	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	185343	47.93	ug/l	0.00
Spiked Amount			Recovery	=	95.86%	
35) Dibromofluoromethane	7.59	113	164475	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
50) Toluene-d8	10.09	98	625106	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	12.40	95	218957	51.12	ug/l	0.00
Spiked Amount			Recovery	=	102.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	112921	42.008	ug/l	100
3) Chloromethane	2.06	50	162659	44.865	ug/l	100
4) Vinyl Chloride	2.18	62	172178	44.027	ug/l	100
5) Bromomethane	2.53	94	116442m	46.505	ug/l	100
6) Chloroethane	2.68	64	108092	49.212	ug/l	100
7) Trichlorofluoromethane	3.00	101	228246	45.528	ug/l	100
8) Diethyl Ether	3.40	74	102514	50.255	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	142026	46.359	ug/l	100
10) Methyl Iodide	3.94	142	223085	50.168	ug/l	100
11) Tert butyl alcohol	4.81	59	181795	250.170	ug/l	100
12) 1,1-Dichloroethene	3.72	96	147107	45.619	ug/l	100
13) Acrolein	3.60	56	120749	288.885	ug/l	100
14) Allyl chloride	4.31	41	252358	48.409	ug/l	100
15) Acrylonitrile	4.99	53	400237	247.936	ug/l	100
16) Acetone	3.82	43	397122	248.844	ug/l	100
17) Carbon Disulfide	4.04	76	407945	45.540	ug/l	100
18) Methyl Acetate	4.33	43	166533	48.815	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	491391	46.179	ug/l	100
20) Methylene Chloride	4.54	84	166038	45.991	ug/l	100
21) trans-1,2-Dichloroethene	5.03	96	157426	45.890	ug/l	100
22) Diisopropyl ether	5.95	45	494899	47.748	ug/l	100
23) Vinyl Acetate	5.90	43	2157015	245.322	ug/l	100
24) 1,1-Dichloroethane	5.84	63	283092	46.891	ug/l	100
25) 2-Butanone	6.84	43	557966	250.887	ug/l	100
26) 2,2-Dichloropropane	6.82	77	239990	44.884	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	187083	46.672	ug/l	100
28) Bromochloromethane	7.19	49	139431	52.304	ug/l	100
29) Tetrahydrofuran	7.21	42	354035	240.781	ug/l	100
30) Chloroform	7.37	83	287261	46.194	ug/l	100
31) Cyclohexane	7.65	56	265103	46.027	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	253401	45.517	ug/l	100
36) 1,1-Dichloropropene	7.79	75	215120	47.068	ug/l	100
37) Ethyl Acetate	6.93	43	216357	52.240	ug/l	100
38) Carbon Tetrachloride	7.77	117	226768	46.343	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055746.D
 Acq On : 23 May 2019 10:35
 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
 5/24/2019 9:22:04 AM

Quant Time: May 24 06:06:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 05:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	268102	48.369	ug/l	100
40) Benzene	8.04	78	664338	49.126	ug/l	100
41) Methacrylonitrile	7.17	41	105584	58.728	ug/l	100
42) 1,2-Dichloroethane	8.12	62	216224	49.468	ug/l	100
43) Isopropyl Acetate	8.17	43	355657	49.292	ug/l	100
44) Trichloroethene	8.83	130	187292	49.126	ug/l	100
45) 1,2-Dichloropropane	9.12	63	174580	49.058	ug/l	100
46) Dibromomethane	9.21	93	115867	49.670	ug/l	100
47) Bromodichloromethane	9.40	83	233141	47.884	ug/l	100
48) Methyl methacrylate	9.20	41	169804	52.527	ug/l	100
49) 1,4-Dioxane	9.20	88	69255	1081.007	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	1088741	255.362	ug/l	100
52) Toluene	10.16	92	421959	49.626	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	257755	49.281	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	282097	49.212	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	169931	48.599	ug/l	100
56) Ethyl methacrylate	10.43	69	269349	49.321	ug/l	100
57) 1,3-Dichloropropane	10.71	76	274242	49.604	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	517650	228.278	ug/l	100
59) 2-Hexanone	10.75	43	782847	261.270	ug/l	100
60) Dibromochloromethane	10.90	129	199640	50.368	ug/l	100
61) 1,2-Dibromoethane	11.00	107	177622	50.727	ug/l	100
64) Tetrachloroethene	10.63	164	185190	50.422	ug/l	100
65) Chlorobenzene	11.43	112	452722	48.521	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	177126	47.243	ug/l	100
67) Ethyl Benzene	11.51	91	805736	48.356	ug/l	100
68) m/p-Xylenes	11.62	106	613832	97.537	ug/l	100
69) o-Xylene	11.95	106	302483	48.989	ug/l	100
70) Styrene	11.96	104	512659	50.072	ug/l	100
71) Bromoform	12.13	173	159663	50.125	ug/l #	100
73) Isopropylbenzene	12.25	105	789593	44.550	ug/l	100
74) N-amyl acetate	12.07	43	306033	50.163	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	240461	44.063	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	196266m	43.903	ug/l	
77) Bromobenzene	12.53	156	213281	47.559	ug/l	100
78) n-propylbenzene	12.59	91	858015	44.666	ug/l	100
79) 2-Chlorotoluene	12.67	91	521437	44.560	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	666220	44.756	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	77781	45.729	ug/l	100
82) 4-Chlorotoluene	12.77	91	517390	45.684	ug/l	100
83) tert-Butylbenzene	12.99	119	580110	44.415	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	663797	45.279	ug/l	100
85) sec-Butylbenzene	13.17	105	748948	45.158	ug/l	100
86) p-Isopropyltoluene	13.29	119	692511	45.428	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	352161	47.796	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	336673	48.041	ug/l	100
89) n-Butylbenzene	13.61	91	551276	46.551	ug/l	100
90) Hexachloroethane	13.87	117	131114	45.058	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	346596	47.200	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	44673	46.010	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
Data File : VN055746.D
Acq On : 23 May 2019 10:35
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
5/24/2019 9:22:04 AM

Quant Time: May 24 06:06:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 05:41:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	186667	50.673	ug/l	100
94) Hexachlorobutadiene	15.01	225	128779	49.287	ug/l	100
95) Naphthalene	15.13	128	520461	52.219	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	193863	49.892	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052319\
Data File : VN055746.D
Acq On : 23 May 2019 10:35
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
5/24/2019 9:22:04 AM

Quant Time: May 24 06:06:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 05:41:54 2019
Response via : Initial Calibration

