

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061119\
 Data File : VN056233.D
 Acq On : 11 Jun 2019 19:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/12/2019 11:11:45 AM

Quant Time: Jun 12 07:33:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	290689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	415362	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	373505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	171777	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	139144	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	7.59	113	129044	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
50) Toluene-d8	10.09	98	469180	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
62) 4-Bromofluorobenzene	12.40	95	163833	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	140920	44.169	ug/l	98
3) Chloromethane	2.06	50	146511	46.495	ug/l	99
4) Vinyl Chloride	2.18	62	146442	46.330	ug/l	99
5) Bromomethane	2.52	94	93226	46.691	ug/l	98
6) Chloroethane	2.68	64	85235	46.509	ug/l	98
7) Trichlorofluoromethane	3.00	101	191278	47.403	ug/l	98
8) Diethyl Ether	3.40	74	75187	45.310	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	121085	49.399	ug/l	99
10) Methyl Iodide	3.94	142	173462	44.531	ug/l	100
11) Tert butyl alcohol	4.82	59	126782	252.414	ug/l	98
12) 1,1-Dichloroethene	3.72	96	117107	47.989	ug/l	95
13) Acrolein	3.60	56	38182	263.577	ug/l	98
14) Allyl chloride	4.31	41	187308	48.609	ug/l	98
15) Acrylonitrile	4.99	53	341489	279.294	ug/l	100
16) Acetone	3.82	43	287926	208.578	ug/l	99
17) Carbon Disulfide	4.03	76	261818	44.809	ug/l	100
18) Methyl Acetate	4.32	43	156596	57.842	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	382049	49.116	ug/l	100
20) Methylene Chloride	4.54	84	139315	48.985	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	124257	47.523	ug/l	96
22) Diisopropyl ether	5.95	45	393957	49.458	ug/l	99
23) Vinyl Acetate	5.90	43	1620337	258.312	ug/l	99
24) 1,1-Dichloroethane	5.84	63	228717	49.778	ug/l	99
25) 2-Butanone	6.84	43	453386	259.951	ug/l	99
26) 2,2-Dichloropropane	6.82	77	149316	41.646	ug/l	98
27) cis-1,2-Dichloroethene	6.82	96	150457	48.953	ug/l	97
28) Bromochloromethane	7.19	49	108670	50.012	ug/l	97
29) Tetrahydrofuran	7.22	42	293424	272.164	ug/l	100
30) Chloroform	7.37	83	235464	50.942	ug/l	99
31) Cyclohexane	7.65	56	199435	43.545	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	191927	49.724	ug/l	100
36) 1,1-Dichloropropene	7.79	75	168900	47.291	ug/l	99
37) Ethyl Acetate	6.93	43	175651	55.274	ug/l	100
38) Carbon Tetrachloride	7.77	117	170078	51.652	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061119\
 Data File : VN056233.D
 Acq On : 11 Jun 2019 19:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/12/2019 11:11:45 AM

Quant Time: Jun 12 07:33:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	201630	45.319	ug/l	98
40) Benzene	8.04	78	537557	49.556	ug/l	100
41) Methacrylonitrile	7.17	41	76954	52.633	ug/l	92
42) 1,2-Dichloroethane	8.12	62	171582	49.174	ug/l	100
43) Isopropyl Acetate	8.17	43	266627	51.777	ug/l #	92
44) Trichloroethene	8.83	130	153235	49.161	ug/l	99
45) 1,2-Dichloropropane	9.12	63	141541	50.941	ug/l	98
46) Dibromomethane	9.21	93	95418	52.516	ug/l	98
47) Bromodichloromethane	9.40	83	180417	54.787	ug/l	97
48) Methyl methacrylate	9.20	41	135708	53.868	ug/l	97
49) 1,4-Dioxane	9.20	88	59528	1094.495	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	885172	274.876	ug/l	100
52) Toluene	10.16	92	339301	50.267	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	175920	45.778	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	206436	52.153	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	140718	52.629	ug/l	99
56) Ethyl methacrylate	10.43	69	209010	53.582	ug/l	97
57) 1,3-Dichloropropane	10.71	76	226084	52.014	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	344345	224.275	ug/l	99
59) 2-Hexanone	10.75	43	614015	263.078	ug/l	99
60) Dibromochloromethane	10.90	129	151449	51.291	ug/l	99
61) 1,2-Dibromoethane	11.00	107	144660	52.923	ug/l	98
64) Tetrachloroethene	10.63	164	152678	47.223	ug/l	99
65) Chlorobenzene	11.43	112	367906	49.493	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	140540	54.755	ug/l	100
67) Ethyl Benzene	11.51	91	632432	48.928	ug/l	100
68) m/p-Xylenes	11.62	106	482995	97.817	ug/l	99
69) o-Xylene	11.95	106	240695	49.556	ug/l	99
70) Styrene	11.96	104	400961	51.957	ug/l	99
71) Bromoform	12.13	173	113922	52.710	ug/l #	99
73) Isopropylbenzene	12.25	105	634369	51.901	ug/l	100
74) N-amyl acetate	12.07	43	221483	48.370	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	195087	48.922	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	156946m	49.654	ug/l	
77) Bromobenzene	12.53	156	175370	47.685	ug/l	94
78) n-propylbenzene	12.59	91	670124	46.113	ug/l	99
79) 2-Chlorotoluene	12.67	91	410470	50.968	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	517741	44.828	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	46032	48.499	ug/l	90
82) 4-Chlorotoluene	12.77	91	399459	46.984	ug/l	99
83) tert-Butylbenzene	12.99	119	463718	51.848	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	509410	46.511	ug/l	99
85) sec-Butylbenzene	13.17	105	589278	45.788	ug/l	100
86) p-Isopropyltoluene	13.29	119	532521	46.234	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	276360	48.552	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	262335	47.911	ug/l	100
89) n-Butylbenzene	13.61	91	390534	45.771	ug/l	100
90) Hexachloroethane	13.87	117	90635	52.179	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	275426	47.927	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30861	54.108	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061119\
Data File : VN056233.D
Acq On : 11 Jun 2019 19:23
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
6/12/2019 11:11:45 AM

Quant Time: Jun 12 07:33:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	132628	42.574	ug/l	99
94) Hexachlorobutadiene	15.01	225	103075	52.395	ug/l	98
95) Naphthalene	15.13	128	359137	44.195	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	150625	46.873	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061119\
Data File : VN056233.D
Acq On : 11 Jun 2019 19:23
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample ID :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
6/12/2019 11:11:45 AM

Quant Time: Jun 12 07:33:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

