

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092719\
 Data File : VN058418.D
 Acq On : 27 Sep 2019 19:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/30/2019 10:19:04 AM

Quant Time: Sep 30 08:45:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	452358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	769083	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	695968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	341503	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	325853	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	
35) Dibromofluoromethane	7.57	113	239760	50.87	ug/l	0.00
Spiked Amount			Recovery	=	101.74%	
50) Toluene-d8	10.08	98	940149	50.91	ug/l	0.00
Spiked Amount			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	12.41	95	348554	52.20	ug/l	0.00
Spiked Amount			Recovery	=	104.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	244787	49.351	ug/l	98
3) Chloromethane	2.04	50	262202	48.084	ug/l	99
4) Vinyl Chloride	2.17	62	264239	49.466	ug/l	98
5) Bromomethane	2.54	94	145658	51.335	ug/l	100
6) Chloroethane	2.68	64	159319	49.776	ug/l	98
7) Trichlorofluoromethane	3.00	101	314640	48.809	ug/l	97
8) Diethyl Ether	3.39	74	141845	50.998	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	216527	49.458	ug/l	98
10) Methyl Iodide	3.93	142	268610	55.333	ug/l	98
11) Tert butyl alcohol	4.76	59	202215	275.358	ug/l	97
12) 1,1-Dichloroethene	3.72	96	213119	49.942	ug/l	98
13) Acrolein	3.59	56	76294	326.637	ug/l	100
14) Allyl chloride	4.30	41	389826	50.198	ug/l	98
15) Acrylonitrile	4.96	53	567251	265.036	ug/l	100
16) Acetone	3.80	43	507955	225.412	ug/l	100
17) Carbon Disulfide	4.03	76	572770	50.919	ug/l	98
18) Methyl Acetate	4.30	43	275313	48.576	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	756034	50.213	ug/l	99
20) Methylene Chloride	4.53	84	248715	47.827	ug/l	97
21) trans-1,2-Dichloroethene	5.02	96	234859	49.493	ug/l	97
22) Diisopropyl ether	5.93	45	834730	49.949	ug/l	97
23) Vinyl Acetate	5.87	43	3485789	276.635	ug/l	100
24) 1,1-Dichloroethane	5.82	63	473358	50.330	ug/l	100
25) 2-Butanone	6.81	43	784979	253.717	ug/l	99
26) 2,2-Dichloropropane	6.81	77	359488	46.493	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	277292	49.997	ug/l	98
28) Bromochloromethane	7.18	49	188352	50.100	ug/l	100
29) Tetrahydrofuran	7.19	42	517010	263.286	ug/l	100
30) Chloroform	7.36	83	474253	49.761	ug/l	100
31) Cyclohexane	7.64	56	444631	48.601	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	404079	51.630	ug/l	99
36) 1,1-Dichloropropene	7.78	75	364527	49.569	ug/l	99
37) Ethyl Acetate	6.91	43	332145	53.272	ug/l	99
38) Carbon Tetrachloride	7.76	117	340748	51.333	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092719\
 Data File : VN058418.D
 Acq On : 27 Sep 2019 19:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/30/2019 10:19:04 AM

Quant Time: Sep 30 08:45:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	436354	50.811	ug/l	97
40) Benzene	8.03	78	1057492	50.026	ug/l	99
41) Methacrylonitrile	7.15	41	111361m	38.824	ug/l	
42) 1,2-Dichloroethane	8.11	62	408388	49.658	ug/l	99
43) Isopropyl Acetate	8.15	43	570530	48.661	ug/l #	90
44) Trichloroethene	8.82	130	261543	50.108	ug/l	99
45) 1,2-Dichloropropane	9.11	63	284375	50.161	ug/l	99
46) Dibromomethane	9.20	93	180721	50.336	ug/l	100
47) Bromodichloromethane	9.39	83	359722	52.882	ug/l	99
48) Methyl methacrylate	9.19	41	275582	51.620	ug/l	98
49) 1,4-Dioxane	9.19	88	93795	1313.922	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1694648	281.388	ug/l	99
52) Toluene	10.15	92	663156	49.842	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	399057	53.898	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	440832	53.638	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	256156	52.874	ug/l	97
56) Ethyl methacrylate	10.43	69	401437	54.607	ug/l	99
57) 1,3-Dichloropropane	10.71	76	447295	51.761	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	802152	273.648	ug/l	99
59) 2-Hexanone	10.75	43	1225839	279.536	ug/l	99
60) Dibromochloromethane	10.90	129	258459	51.535	ug/l	99
61) 1,2-Dibromoethane	11.00	107	258845	52.289	ug/l	100
64) Tetrachloroethene	10.63	164	215756	48.795	ug/l	99
65) Chlorobenzene	11.44	112	695549	50.277	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	244311	52.415	ug/l	99
67) Ethyl Benzene	11.51	91	1306772	52.150	ug/l	99
68) m/p-Xylenes	11.62	106	963220	102.168	ug/l	100
69) o-Xylene	11.95	106	461680	50.871	ug/l	98
70) Styrene	11.97	104	786201	53.324	ug/l	99
71) Bromoform	12.13	173	161870	50.249	ug/l #	99
73) Isopropylbenzene	12.25	105	1270319	50.334	ug/l	100
74) N-amyl acetate	12.07	43	527827	52.571	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	372154	49.867	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	308113m	49.396	ug/l	
77) Bromobenzene	12.53	156	288442	48.742	ug/l	98
78) n-propylbenzene	12.60	91	1483503	52.175	ug/l	99
79) 2-Chlorotoluene	12.68	91	868557	49.491	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	1079699	51.106	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.31	75	104371	50.819	ug/l	98
82) 4-Chlorotoluene	12.78	91	905070	50.540	ug/l	100
83) tert-Butylbenzene	13.00	119	917895	51.489	ug/l	98
84) 1,2,4-Trimethylbenzene	13.05	105	1069235	50.514	ug/l	98
85) sec-Butylbenzene	13.18	105	1231987	52.506	ug/l	100
86) p-Isopropyltoluene	13.30	119	1110553	53.769	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	533046	49.676	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	532859	49.912	ug/l	100
89) n-Butylbenzene	13.62	91	983880	52.588	ug/l	100
90) Hexachloroethane	13.88	117	171242	55.182	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	525968	51.015	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.28	75	74006	56.234	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092719\
Data File : VN058418.D
Acq On : 27 Sep 2019 19:04
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/30/2019 10:19:04 AM

Quant Time: Sep 30 08:45:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	317152	55.667	ug/l	99
94) Hexachlorobutadiene	15.02	225	143055	48.852	ug/l	99
95) Naphthalene	15.14	128	876919	52.560	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	299247	52.391	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092719\
Data File : VN058418.D
Acq On : 27 Sep 2019 19:04
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample ID :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/30/2019 10:19:04 AM

Quant Time: Sep 30 08:45:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration

