

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012438.D
 Acq On : 01 Sep 2019 10:34
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 10:44:15 AM

Quant Time: Sep 02 07:33:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	245373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	376377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	323903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	155571	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	134057	45.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.92%	
35) Dibromofluoromethane	7.88	113	107706	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
50) Toluene-d8	10.32	98	429533	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
62) 4-Bromofluorobenzene	12.62	95	149472	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.01	85	76706	50.770	ug/l	100
3) Chloromethane	2.21	50	121163	51.763	ug/l	100
4) Vinyl Chloride	2.36	62	153730	53.658	ug/l	99
5) Bromomethane	2.78	94	80621	55.564	ug/l	98
6) Chloroethane	2.92	64	88599	54.820	ug/l	96
7) Trichlorofluoromethane	3.26	101	93799	65.202	ug/l	100
8) Diethyl Ether	3.68	74	63285	46.346	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	128018	52.353	ug/l	97
10) Methyl Iodide	4.27	142	172188	52.043	ug/l	98
11) Tert butyl alcohol	5.15	59	39982	227.770	ug/l	99
12) 1,1-Dichloroethene	4.04	96	124178	50.454	ug/l	94
13) Acrolein	3.89	56	32731	198.086	ug/l	98
14) Allyl chloride	4.67	41	274207	52.114	ug/l	99
15) Acrylonitrile	5.36	53	155290	229.440	ug/l	99
16) Acetone	4.12	43	189912	254.705	ug/l	97
17) Carbon Disulfide	4.38	76	373509	50.215	ug/l	100
18) Methyl Acetate	4.66	43	81296	44.021	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	202072	50.770	ug/l	98
20) Methylene Chloride	4.91	84	130914	46.444	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	132492	50.200	ug/l	99
22) Diisopropyl ether	6.31	45	493543	50.604	ug/l	98
23) Vinyl Acetate	6.25	43	1468196	244.611	ug/l	99
24) 1,1-Dichloroethane	6.21	63	272018	51.224	ug/l	99
25) 2-Butanone	7.17	43	234031	230.980	ug/l	98
26) 2,2-Dichloropropane	7.17	77	170849	56.841	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	142628	50.580	ug/l	98
28) Bromochloromethane	7.51	49	96923	41.876	ug/l	98
29) Tetrahydrofuran	7.52	42	138423	227.714	ug/l	100
30) Chloroform	7.67	83	250653	51.591	ug/l	97
31) Cyclohexane	7.95	56	250554	47.689	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	212096	55.184	ug/l	99
36) 1,1-Dichloropropene	8.08	75	211031	54.258	ug/l	99
37) Ethyl Acetate	7.25	43	97764	45.870	ug/l	100
38) Carbon Tetrachloride	8.07	117	193469	57.471	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012438.D
 Acq On : 01 Sep 2019 10:34
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 10:44:15 AM

Quant Time: Sep 02 07:33:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	229105	52.433	ug/l	97
40) Benzene	8.32	78	552707	52.042	ug/l	100
41) Methacrylonitrile	7.48	41	63658	50.818	ug/l	96
42) 1,2-Dichloroethane	8.40	62	178024	53.485	ug/l	98
43) Isopropyl Acetate	8.42	43	186899	47.341	ug/l	99
44) Trichloroethene	9.09	130	138801	53.762	ug/l	97
45) 1,2-Dichloropropane	9.37	63	146249	51.167	ug/l	99
46) Dibromomethane	9.46	93	63504	49.935	ug/l	99
47) Bromodichloromethane	9.64	83	180868	53.439	ug/l	99
48) Methyl methacrylate	9.43	41	92206	49.072	ug/l	98
49) 1,4-Dioxane	9.45	88	17625	905.304	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	477614	237.852	ug/l	99
52) Toluene	10.38	92	338520	53.059	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	183836	53.322	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	217550	52.260	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	89030	49.480	ug/l	97
56) Ethyl methacrylate	10.65	69	130262	49.742	ug/l	100
57) 1,3-Dichloropropane	10.93	76	170630	50.182	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	313060	232.931	ug/l	100
59) 2-Hexanone	10.97	43	347795	244.786	ug/l	99
60) Dibromochloromethane	11.13	129	105361	52.572	ug/l	100
61) 1,2-Dibromoethane	11.23	107	82062	48.954	ug/l	100
64) Tetrachloroethene	10.86	164	113904	54.241	ug/l	98
65) Chlorobenzene	11.66	112	330782	51.863	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	120549	54.179	ug/l	99
67) Ethyl Benzene	11.73	91	665536	54.170	ug/l	98
68) m/p-Xylenes	11.84	106	480081	108.479	ug/l	99
69) o-Xylene	12.16	106	218222	53.277	ug/l	98
70) Styrene	12.18	104	381107	53.755	ug/l	99
71) Bromoform	12.35	173	57908	52.237	ug/l #	99
73) Isopropylbenzene	12.46	105	635902	54.550	ug/l	99
74) N-amyl acetate	12.27	43	174646	49.588	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	101449	47.470	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	71486m	47.181	ug/l	
77) Bromobenzene	12.74	156	132870	52.686	ug/l	97
78) n-propylbenzene	12.80	91	780857	54.870	ug/l	99
79) 2-Chlorotoluene	12.89	91	431075	53.354	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	536970	55.126	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	33661	48.710	ug/l	94
82) 4-Chlorotoluene	12.99	91	453886	53.651	ug/l	100
83) tert-Butylbenzene	13.21	119	463702	56.198	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	536303	54.810	ug/l	99
85) sec-Butylbenzene	13.38	105	652465	55.194	ug/l	100
86) p-Isopropyltoluene	13.50	119	595054	56.365	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	263290	53.376	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	256781	52.427	ug/l	99
89) n-Butylbenzene	13.82	91	595827	56.754	ug/l	99
90) Hexachloroethane	14.09	117	103109	55.668	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	228313	52.761	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17808	49.428	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
Data File : VW012438.D
Acq On : 01 Sep 2019 10:34
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
9/3/2019 10:44:15 AM

Quant Time: Sep 02 07:33:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	164586	55.037	ug/l	99
94) Hexachlorobutadiene	15.24	225	118555	60.041	ug/l	96
95) Naphthalene	15.37	128	273352	46.878	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	141691	54.307	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090119\
Data File : VW012438.D
Acq On : 01 Sep 2019 10:34
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
Client Sampled :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
9/3/2019 10:44:15 AM

Quant Time: Sep 02 07:33:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

