

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051019\
 Data File : VW010351.D
 Acq On : 10 May 2019 12:34
 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
 5/11/2019 12:11:58 PM

Quant Time: May 10 23:34:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1438234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2312010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	2070752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	1022910	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	746960	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
35) Dibromofluoromethane	7.88	113	658837	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	10.32	98	2687188	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
62) 4-Bromofluorobenzene	12.62	95	974493	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	519838	47.142	ug/l	99
3) Chloromethane	2.21	50	695724	47.256	ug/l	98
4) Vinyl Chloride	2.37	62	872587	47.691	ug/l	97
5) Bromomethane	2.78	94	500649	47.450	ug/l	99
6) Chloroethane	2.92	64	524158	49.537	ug/l	97
7) Trichlorofluoromethane	3.25	101	393212	42.929	ug/l	96
8) Diethyl Ether	3.67	74	407640	50.624	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	725103	48.313	ug/l	98
10) Methyl Iodide	4.26	142	1038081	48.842	ug/l	94
11) Tert butyl alcohol	5.18	59	210800	195.217	ug/l	99
12) 1,1-Dichloroethene	4.04	96	765628	48.819	ug/l	91
13) Acrolein	3.89	56	347150	243.502	ug/l	98
14) Allyl chloride	4.65	41	1172716	50.094	ug/l	92
15) Acrylonitrile	5.36	53	913588	204.699	ug/l	99
16) Acetone	4.12	43	895872	224.750	ug/l	94
17) Carbon Disulfide	4.37	76	2247456	47.382	ug/l	99
18) Methyl Acetate	4.67	43	399956	40.509	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	940155	50.358	ug/l	99
20) Methylene Chloride	4.91	84	800964	48.176	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	831971	49.283	ug/l	96
22) Diisopropyl ether	6.31	45	2451774	53.964	ug/l	95
23) Vinyl Acetate	6.25	43	7963982	255.280	ug/l	96
24) 1,1-Dichloroethane	6.21	63	1535761	50.206	ug/l	99
25) 2-Butanone	7.17	43	1289205	211.417	ug/l	96
26) 2,2-Dichloropropane	7.16	77	782155	51.392	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	890265	51.280	ug/l	96
28) Bromochloromethane	7.51	49	568406	50.402	ug/l	98
29) Tetrahydrofuran	7.53	42	817139	207.176	ug/l	96
30) Chloroform	7.67	83	1454140	50.796	ug/l	98
31) Cyclohexane	7.95	56	1484843	47.408	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	1094583	49.363	ug/l	98
36) 1,1-Dichloropropene	8.08	75	1231029	49.107	ug/l	99
37) Ethyl Acetate	7.25	43	563845	42.244	ug/l	97
38) Carbon Tetrachloride	8.06	117	1051118	48.914	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051019\
 Data File : VW010351.D
 Acq On : 10 May 2019 12:34
 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
 5/11/2019 12:11:58 PM

Quant Time: May 10 23:34:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	1534082	50.025	ug/l	96
40) Benzene	8.32	78	3381353	49.252	ug/l	100
41) Methacrylonitrile	7.48	41	331669	44.309	ug/l	96
42) 1,2-Dichloroethane	8.40	62	982307	49.987	ug/l	97
43) Isopropyl Acetate	8.43	43	1017419	45.962	ug/l	97
44) Trichloroethene	9.09	130	841401	48.954	ug/l	96
45) 1,2-Dichloropropane	9.37	63	863372	50.592	ug/l	97
46) Dibromomethane	9.46	93	418085	47.423	ug/l	98
47) Bromodichloromethane	9.64	83	1072451	50.712	ug/l	99
48) Methyl methacrylate	9.43	41	494283	47.225	ug/l	87
49) 1,4-Dioxane	9.45	88	121892	792.819	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	2783337	219.280	ug/l	93
52) Toluene	10.38	92	2111136	50.310	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	1111631	51.894	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	1324233	52.199	ug/l	90
55) 1,1,2-Trichloroethane	10.79	97	599903	47.909	ug/l	98
56) Ethyl methacrylate	10.65	69	846426	51.188	ug/l #	88
57) 1,3-Dichloropropane	10.93	76	1097339	49.021	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	2084004	263.233	ug/l	100
59) 2-Hexanone	10.97	43	2009126	223.872	ug/l	93
60) Dibromochloromethane	11.13	129	679329	50.417	ug/l	99
61) 1,2-Dibromoethane	11.23	107	576337	47.946	ug/l	98
64) Tetrachloroethene	10.86	164	690178	47.687	ug/l	98
65) Chlorobenzene	11.66	112	2142234	49.976	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	738631	50.982	ug/l	98
67) Ethyl Benzene	11.73	91	4070491	51.619	ug/l	98
68) m/p-Xylenes	11.84	106	3030011	103.418	ug/l	99
69) o-Xylene	12.16	106	1390570	52.467	ug/l	99
70) Styrene	12.18	104	2465329	53.384	ug/l	98
71) Bromoform	12.35	173	386363	46.651	ug/l	98
73) Isopropylbenzene	12.47	105	3906601	52.395	ug/l	99
74) N-amyl acetate	12.27	43	969161	50.313	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.71	83	732672	44.598	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	634747m	53.223	ug/l	
77) Bromobenzene	12.75	156	860756	51.128	ug/l	100
78) n-propylbenzene	12.80	91	4803692	52.164	ug/l	100
79) 2-Chlorotoluene	12.90	91	2699898	51.483	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	3296321	52.441	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	241452	45.720	ug/l	93
82) 4-Chlorotoluene	12.99	91	2828243	51.472	ug/l	99
83) tert-Butylbenzene	13.21	119	2754840	52.544	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	3304136	52.898	ug/l	100
85) sec-Butylbenzene	13.38	105	4045890	52.274	ug/l	100
86) p-Isopropyltoluene	13.50	119	3645513	53.049	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	1703819	50.683	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	1677548	50.284	ug/l	99
89) n-Butylbenzene	13.83	91	3656035	53.059	ug/l	98
90) Hexachloroethane	14.10	117	636377	49.928	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	1496047	50.273	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	122014	41.244	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051019\
Data File : VW010351.D
Acq On : 10 May 2019 12:34
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
5/11/2019 12:11:58 PM

Quant Time: May 10 23:34:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
Quant Title : SW846 8260
QLast Update : Fri May 10 03:41:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	1099857	54.154	ug/l	100
94) Hexachlorobutadiene	15.24	225	667579	51.273	ug/l	99
95) Naphthalene	15.37	128	2072731	45.056	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	962581	52.463	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW051019\
 Data File : VW010351.D
 Acq On : 10 May 2019 12:34
 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
 5/11/2019 12:11:58 PM

Quant Time: May 10 23:34:33 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

