

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091819\
 Data File : VW013104.D
 Acq On : 18 Sep 2019 10:55
 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
 9/19/2019 11:22:06 AM

Quant Time: Sep 19 08:09:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	355524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	518328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	443996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	223270	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	139282	42.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.84%	
35) Dibromofluoromethane	7.88	113	136014	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
50) Toluene-d8	10.32	98	554817	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
62) 4-Bromofluorobenzene	12.62	95	190912	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	64068	46.794	ug/l	96
3) Chloromethane	2.21	50	76509	44.153	ug/l	98
4) Vinyl Chloride	2.36	62	110145	43.284	ug/l	98
5) Bromomethane	2.78	94	67979	43.744	ug/l	99
6) Chloroethane	2.92	64	69978	44.837	ug/l	96
7) Trichlorofluoromethane	3.25	101	72827	40.925	ug/l	100
8) Diethyl Ether	3.68	74	66621	47.946	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	129921	48.137	ug/l	99
10) Methyl Iodide	4.27	142	174035	51.524	ug/l	95
11) Tert butyl alcohol	5.20	59	44857	197.914	ug/l #	93
12) 1,1-Dichloroethene	4.04	96	120996	49.305	ug/l	96
13) Acrolein	3.89	56	51854	213.188	ug/l	99
14) Allyl chloride	4.66	41	214716	46.088	ug/l	92
15) Acrylonitrile	5.37	53	163563	230.474	ug/l	99
16) Acetone	4.14	43	154545	214.103	ug/l	99
17) Carbon Disulfide	4.38	76	218341	44.646	ug/l	99
18) Methyl Acetate	4.67	43	76027	40.641	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	226863	46.832	ug/l	97
20) Methylene Chloride	4.92	84	138236	52.355	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	130945	49.820	ug/l	98
22) Diisopropyl ether	6.31	45	466655	48.216	ug/l	96
23) Vinyl Acetate	6.25	43	1336379	230.539	ug/l	96
24) 1,1-Dichloroethane	6.21	63	263055	47.141	ug/l	97
25) 2-Butanone	7.17	43	217068	207.903	ug/l	95
26) 2,2-Dichloropropane	7.16	77	166737	46.805	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	158199	50.274	ug/l	93
28) Bromochloromethane	7.51	49	113685	48.403	ug/l	92
29) Tetrahydrofuran	7.53	42	132578	222.858	ug/l	97
30) Chloroform	7.67	83	264996	46.737	ug/l	97
31) Cyclohexane	7.95	56	207915	49.601	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	210081	44.992	ug/l	97
36) 1,1-Dichloropropene	8.08	75	191820	46.312	ug/l	97
37) Ethyl Acetate	7.25	43	93706	42.623	ug/l	96
38) Carbon Tetrachloride	8.06	117	186978	44.052	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091819\
 Data File : VW013104.D
 Acq On : 18 Sep 2019 10:55
 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
 9/19/2019 11:22:06 AM

Quant Time: Sep 19 08:09:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	221268	48.752	ug/l	95
40) Benzene	8.32	78	568048	49.127	ug/l	99
41) Methacrylonitrile	7.48	41	62789m	43.369	ug/l	
42) 1,2-Dichloroethane	8.40	62	161187	41.585	ug/l	94
43) Isopropyl Acetate	8.42	43	181492	42.996	ug/l	96
44) Trichloroethene	9.09	130	156741	49.490	ug/l	89
45) 1,2-Dichloropropane	9.37	63	150790	49.084	ug/l	99
46) Dibromomethane	9.46	93	71976	48.903	ug/l	98
47) Bromodichloromethane	9.64	83	197191	47.764	ug/l	96
48) Methyl methacrylate	9.43	41	84309	42.558	ug/l	90
49) 1,4-Dioxane	9.46	88	20021	811.811	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	469664	215.514	ug/l	95
52) Toluene	10.38	92	370684	50.451	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	197127	47.477	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	232780	48.999	ug/l	92
55) 1,1,2-Trichloroethane	10.79	97	113182	50.479	ug/l	99
56) Ethyl methacrylate	10.65	69	149216	49.442	ug/l	89
57) 1,3-Dichloropropane	10.93	76	195135	49.061	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	403885	249.474	ug/l	98
59) 2-Hexanone	10.97	43	330979	218.115	ug/l	96
60) Dibromochloromethane	11.13	129	130951	48.308	ug/l	95
61) 1,2-Dibromoethane	11.23	107	99520	48.656	ug/l	99
64) Tetrachloroethene	10.86	164	132003	49.976	ug/l	96
65) Chlorobenzene	11.66	112	400750	50.673	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	149620	49.368	ug/l	98
67) Ethyl Benzene	11.73	91	737200	50.472	ug/l	98
68) m/p-Xylenes	11.84	106	553681	103.766	ug/l	95
69) o-Xylene	12.16	106	262665	52.507	ug/l	94
70) Styrene	12.18	104	463036	52.033	ug/l	97
71) Bromoform	12.35	173	78656	49.409	ug/l #	99
73) Isopropylbenzene	12.46	105	738375	49.894	ug/l	99
74) N-amyl acetate	12.27	43	172210	45.236	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	127521	49.061	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	79638m	40.722	ug/l	
77) Bromobenzene	12.74	156	173172	50.794	ug/l	95
78) n-propylbenzene	12.80	91	872647	50.129	ug/l	98
79) 2-Chlorotoluene	12.89	91	490955	49.061	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	625757	49.981	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	42032	48.755	ug/l	93
82) 4-Chlorotoluene	12.99	91	516318	48.900	ug/l	96
83) tert-Butylbenzene	13.21	119	563865	50.351	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	622717	50.334	ug/l	97
85) sec-Butylbenzene	13.38	105	779172	51.068	ug/l	100
86) p-Isopropyltoluene	13.50	119	709927	50.680	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	343216	50.854	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	338326	51.012	ug/l	98
89) n-Butylbenzene	13.82	91	660890	50.026	ug/l	99
90) Hexachloroethane	14.09	117	123057	49.021	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	303784	51.184	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19913	41.854	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091819\
Data File : VW013104.D
Acq On : 18 Sep 2019 10:55
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
9/19/2019 11:22:06 AM

Quant Time: Sep 19 08:09:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	223111	52.711	ug/l	99
94) Hexachlorobutadiene	15.24	225	141783	47.317	ug/l	97
95) Naphthalene	15.36	128	369039	52.180	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	190337	50.870	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091819\
Data File : VW013104.D
Acq On : 18 Sep 2019 10:55
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
9/19/2019 11:22:06 AM

Quant Time: Sep 19 08:09:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration

