

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102419\
 Data File : VW013710.D
 Acq On : 24 Oct 2019 14:02
 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
 10/25/2019 4:47:17 PM

Quant Time: Oct 25 08:04:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	309512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	434907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	369790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	189492	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	118847	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	7.88	113	124344	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
50) Toluene-d8	10.32	98	515237	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
62) 4-Bromofluorobenzene	12.62	95	172766	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	67758	41.554	ug/l	97
3) Chloromethane	2.21	50	82933	47.325	ug/l	97
4) Vinyl Chloride	2.37	62	132501	50.067	ug/l	98
5) Bromomethane	2.78	94	88143	50.641	ug/l	94
6) Chloroethane	2.93	64	80155	50.054	ug/l	98
7) Trichlorofluoromethane	3.26	101	87160	52.727	ug/l	100
8) Diethyl Ether	3.68	74	64962	48.642	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	134657	50.109	ug/l	99
10) Methyl Iodide	4.28	142	217110	49.579	ug/l	99
11) Tert butyl alcohol	5.19	59	31587	227.886	ug/l	99
12) 1,1-Dichloroethene	4.04	96	139620	50.298	ug/l	97
13) Acrolein	3.90	56	37572	236.600	ug/l	100
14) Allyl chloride	4.67	41	210070	49.216	ug/l	99
15) Acrylonitrile	5.37	53	137498	253.196	ug/l	97
16) Acetone	4.13	43	117542	238.759	ug/l	98
17) Carbon Disulfide	4.38	76	400593	50.250	ug/l	100
18) Methyl Acetate	4.67	43	62611	46.395	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	167149	50.179	ug/l	96
20) Methylene Chloride	4.92	84	142881	53.039	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	150628	50.417	ug/l	98
22) Diisopropyl ether	6.31	45	388881	49.947	ug/l	97
23) Vinyl Acetate	6.25	43	1119899	247.893	ug/l	98
24) 1,1-Dichloroethane	6.21	63	243885	49.460	ug/l	99
25) 2-Butanone	7.17	43	169793	239.895	ug/l	97
26) 2,2-Dichloropropane	7.16	77	138685	48.638	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	156460	49.305	ug/l	99
28) Bromochloromethane	7.51	49	89368	50.846	ug/l #	98
29) Tetrahydrofuran	7.53	42	106866	243.881	ug/l	99
30) Chloroform	7.68	83	241800	49.605	ug/l	99
31) Cyclohexane	7.96	56	245531	47.581	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	194163	50.759	ug/l	100
36) 1,1-Dichloropropene	8.08	75	206665	51.024	ug/l	98
37) Ethyl Acetate	7.25	43	73299	47.276	ug/l	99
38) Carbon Tetrachloride	8.07	117	185911	50.972	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102419\
 Data File : VW013710.D
 Acq On : 24 Oct 2019 14:02
 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
 10/25/2019 4:47:17 PM

Quant Time: Oct 25 08:04:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	263821	50.438	ug/l	99
40) Benzene	8.32	78	569761	49.707	ug/l	99
41) Methacrylonitrile	7.48	41	44980	46.522	ug/l	98
42) 1,2-Dichloroethane	8.40	62	144579	50.054	ug/l	100
43) Isopropyl Acetate	8.42	43	144547	48.705	ug/l	100
44) Trichloroethene	9.09	130	164725	50.169	ug/l	99
45) 1,2-Dichloropropane	9.37	63	135217	49.387	ug/l	97
46) Dibromomethane	9.46	93	66445	50.002	ug/l	99
47) Bromodichloromethane	9.65	83	172792	50.255	ug/l	99
48) Methyl methacrylate	9.43	41	72819	49.479	ug/l	98
49) 1,4-Dioxane	9.46	88	20580	1048.051	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	364394	247.089	ug/l	98
52) Toluene	10.39	92	371997	50.312	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	174808	50.222	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	214707	49.997	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	96899	48.928	ug/l	98
56) Ethyl methacrylate	10.65	69	123587	49.878	ug/l	99
57) 1,3-Dichloropropane	10.93	76	167888	49.400	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	292855	256.809	ug/l	99
59) 2-Hexanone	10.97	43	251572	247.443	ug/l	99
60) Dibromochloromethane	11.13	129	117440	49.945	ug/l	100
61) 1,2-Dibromoethane	11.24	107	92607	49.427	ug/l	99
64) Tetrachloroethene	10.86	164	142508	50.439	ug/l	98
65) Chlorobenzene	11.66	112	380623	50.089	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	135389	51.052	ug/l	99
67) Ethyl Benzene	11.73	91	701489	51.196	ug/l	100
68) m/p-Xylenes	11.84	106	535301	101.117	ug/l	100
69) o-Xylene	12.16	106	245656	50.485	ug/l	99
70) Styrene	12.18	104	434829	52.011	ug/l	99
71) Bromoform	12.35	173	69279	49.779	ug/l #	97
73) Isopropylbenzene	12.46	105	697587	51.263	ug/l	100
74) N-amyl acetate	12.27	43	131532	49.967	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	105984	49.354	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	67107m	49.314	ug/l	
77) Bromobenzene	12.75	156	163113	50.177	ug/l	98
78) n-propylbenzene	12.80	91	813589	51.655	ug/l	99
79) 2-Chlorotoluene	12.89	91	450532	50.901	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	587113	51.109	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	35339	49.078	ug/l	99
82) 4-Chlorotoluene	12.99	91	471078	50.695	ug/l	99
83) tert-Butylbenzene	13.21	119	521118	51.106	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	588686	51.950	ug/l	99
85) sec-Butylbenzene	13.38	105	725010	51.996	ug/l	100
86) p-Isopropyltoluene	13.50	119	667080	51.359	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	317663	50.435	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	312686	49.972	ug/l	99
89) n-Butylbenzene	13.82	91	609150	51.958	ug/l	100
90) Hexachloroethane	14.10	117	114451	50.695	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	277055	50.731	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16008	49.298	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102419\
Data File : VW013710.D
Acq On : 24 Oct 2019 14:02
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
10/25/2019 4:47:17 PM

Quant Time: Oct 25 08:04:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	198461	49.934	ug/l	98
94) Hexachlorobutadiene	15.24	225	135357	50.448	ug/l	99
95) Naphthalene	15.36	128	321066	51.524	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	170672	49.836	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102419\
Data File : VW013710.D
Acq On : 24 Oct 2019 14:02
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
10/25/2019 4:47:17 PM

Quant Time: Oct 25 08:04:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
Response via : Initial Calibration

