

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102319\
 Data File : VW013664.D
 Acq On : 23 Oct 2019 12:42
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 1:26:47 PM

Quant Time: Oct 23 14:09:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 13:51:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	352578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	495248	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	422294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	216235	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	138385	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
35) Dibromofluoromethane	7.88	113	147887	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
50) Toluene-d8	10.32	98	609563	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.62	95	203687	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	78658	63.563	ug/l 100
3) Chloromethane	2.21	50	86266	42.824	ug/l 100
4) Vinyl Chloride	2.37	62	143130	47.622	ug/l 100
5) Bromomethane	2.78	94	92703	51.016	ug/l 100
6) Chloroethane	2.92	64	88673	51.682	ug/l 100
7) Trichlorofluoromethane	3.26	101	90887	61.564	ug/l 100
8) Diethyl Ether	3.68	74	74054	49.639	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	149740	50.523	ug/l 100
10) Methyl Iodide	4.28	142	246802	52.240	ug/l 100
11) Tert butyl alcohol	5.20	59	35676	161.192	ug/l 100
12) 1,1-Dichloroethene	4.04	96	155608	50.567	ug/l 100
13) Acrolein	3.90	56	44945	212.349	ug/l 100
14) Allyl chloride	4.67	41	240319	50.791	ug/l 100
15) Acrylonitrile	5.37	53	146747	214.916	ug/l 100
16) Acetone	4.14	43	145308	232.125	ug/l 100
17) Carbon Disulfide	4.39	76	450929	52.020	ug/l 100
18) Methyl Acetate	4.67	43	69861	39.135	ug/l 100
19) Methyl tert-butyl Ether	5.42	73	187063	41.580	ug/l 100
20) Methylene Chloride	4.92	84	155526	44.411	ug/l 100
21) trans-1,2-Dichloroethene	5.42	96	169165	51.576	ug/l 100
22) Diisopropyl ether	6.31	45	443262	50.127	ug/l 100
23) Vinyl Acetate	6.25	43	1286293	243.567	ug/l 100
24) 1,1-Dichloroethane	6.21	63	278527	51.191	ug/l 100
25) 2-Butanone	7.17	43	196014	213.416	ug/l 100
26) 2,2-Dichloropropane	7.17	77	153516	44.764	ug/l 100
27) cis-1,2-Dichloroethene	7.17	96	179491	51.641	ug/l 100
28) Bromochloromethane	7.51	49	107966	55.593	ug/l 100
29) Tetrahydrofuran	7.53	42	120204	214.383	ug/l 100
30) Chloroform	7.68	83	269460	51.261	ug/l 100
31) Cyclohexane	7.96	56	278017	48.480	ug/l 100
32) 1,1,1-Trichloroethane	7.87	97	214251	50.383	ug/l 100
36) 1,1-Dichloropropene	8.08	75	229645	50.983	ug/l 100
37) Ethyl Acetate	7.25	43	82440	41.383	ug/l 100
38) Carbon Tetrachloride	8.07	117	206142	51.733	ug/l 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102319\
 Data File : VW013664.D
 Acq On : 23 Oct 2019 12:42
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 1:26:47 PM

Quant Time: Oct 23 14:09:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 13:51:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	303012	51.891	ug/l	100
40) Benzene	8.32	78	649436	51.536	ug/l	100
41) Methacrylonitrile	7.48	41	49844	43.745	ug/l	100
42) 1,2-Dichloroethane	8.40	62	163229	51.221	ug/l	100
43) Isopropyl Acetate	8.42	43	164954	45.413	ug/l	100
44) Trichloroethene	9.09	130	187057	52.019	ug/l	100
45) 1,2-Dichloropropane	9.37	63	156195	51.584	ug/l	100
46) Dibromomethane	9.46	93	74904	49.817	ug/l	100
47) Bromodichloromethane	9.64	83	197318	52.529	ug/l	100
48) Methyl methacrylate	9.43	41	84332	46.859	ug/l	100
49) 1,4-Dioxane	9.47	88	20828	813.941	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	404865	213.530	ug/l	100
52) Toluene	10.38	92	424096	52.223	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	201415	51.744	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	247979	52.425	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	109558	48.685	ug/l	100
56) Ethyl methacrylate	10.65	69	142521	47.624	ug/l	100
57) 1,3-Dichloropropane	10.93	76	192150	49.659	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	338327	240.431	ug/l	100
59) 2-Hexanone	10.96	43	292435	225.457	ug/l	100
60) Dibromochloromethane	11.13	129	133598	51.583	ug/l	100
61) 1,2-Dibromoethane	11.23	107	104427	48.755	ug/l	100
64) Tetrachloroethene	10.86	164	159917	51.109	ug/l	100
65) Chlorobenzene	11.66	112	432793	51.295	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	152438	51.886	ug/l	100
67) Ethyl Benzene	11.73	91	791984	51.305	ug/l	100
68) m/p-Xylenes	11.84	106	608863	103.684	ug/l	100
69) o-Xylene	12.16	106	280465	51.599	ug/l	100
70) Styrene	12.18	104	491295	52.673	ug/l	100
71) Bromoform	12.35	173	78833	49.328	ug/l #	100
73) Isopropylbenzene	12.46	105	780849	50.311	ug/l	100
74) N-amyl acetate	12.27	43	149091	44.738	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	117481	44.945	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	73402m	41.317	ug/l	
77) Bromobenzene	12.74	156	184800	50.072	ug/l	100
78) n-propylbenzene	12.80	91	906649	50.496	ug/l	100
79) 2-Chlorotoluene	12.89	91	506373	50.248	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	666918	51.466	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	40020	45.906	ug/l	100
82) 4-Chlorotoluene	12.99	91	535692	51.096	ug/l	100
83) tert-Butylbenzene	13.21	119	588392	51.134	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	658136	51.352	ug/l	100
85) sec-Butylbenzene	13.38	105	801550	50.605	ug/l	100
86) p-Isopropyltoluene	13.50	119	749417	51.367	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	360240	51.345	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	351860	51.172	ug/l	100
89) n-Butylbenzene	13.82	91	684996	51.996	ug/l	100
90) Hexachloroethane	14.09	117	131254	52.228	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	308642	49.981	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17530	42.332	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
Data File : VW013664.D
Acq On : 23 Oct 2019 12:42
Operator : SY/VA
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
10/24/2019 1:26:47 PM

Quant Time: Oct 23 14:09:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 13:51:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	229897	52.408	ug/l	100
94) Hexachlorobutadiene	15.23	225	150519	51.653	ug/l	100
95) Naphthalene	15.36	128	368335	49.091	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	197742	51.522	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013664.D
 Acq On : 23 Oct 2019 12:42
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 1:26:47 PM

Quant Time: Oct 23 14:09:10 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 13:51:21 2019
 Response via : Initial Calibration

