

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV100819\
 Data File : VW013481.D
 Acq On : 08 Oct 2019 11:45
 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
 10/9/2019 4:08:47 PM

Quant Time: Oct 09 05:35:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:13:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	319270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	445869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	381540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	191993	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	117749	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
35) Dibromofluoromethane	7.88	113	124687	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	10.32	98	520953	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.62	95	174275	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	52321	49.473	ug/l	100
3) Chloromethane	2.21	50	88557	47.639	ug/l	100
4) Vinyl Chloride	2.35	62	135717	49.496	ug/l	100
5) Bromomethane	2.78	94	81117	49.581	ug/l	100
6) Chloroethane	2.92	64	76158	49.458	ug/l	100
7) Trichlorofluoromethane	3.26	101	70453	54.306	ug/l	100
8) Diethyl Ether	3.68	74	64626	48.128	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	132586	49.587	ug/l	100
10) Methyl Iodide	4.27	142	210265	49.661	ug/l	100
11) Tert butyl alcohol	5.18	59	44754	238.689	ug/l	100
12) 1,1-Dichloroethene	4.04	96	136230	49.163	ug/l	100
13) Acrolein	3.89	56	54848	272.748	ug/l	100
14) Allyl chloride	4.67	41	209742	49.254	ug/l	100
15) Acrylonitrile	5.36	53	146826	233.948	ug/l	100
16) Acetone	4.13	43	142321	247.940	ug/l	100
17) Carbon Disulfide	4.38	76	386908	49.744	ug/l	100
18) Methyl Acetate	4.67	43	71593	43.541	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	204262	48.749	ug/l	100
20) Methylene Chloride	4.91	84	137505	43.514	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	145512	49.419	ug/l	100
22) Diisopropyl ether	6.31	45	392702	49.220	ug/l	100
23) Vinyl Acetate	6.25	43	1176610	245.636	ug/l	100
24) 1,1-Dichloroethane	6.21	63	237094	48.619	ug/l	100
25) 2-Butanone	7.17	43	198891	235.108	ug/l	100
26) 2,2-Dichloropropane	7.17	77	150488	47.869	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	153011	49.111	ug/l	100
28) Bromochloromethane	7.51	49	91948	52.867	ug/l #	100
29) Tetrahydrofuran	7.53	42	122802	237.514	ug/l	100
30) Chloroform	7.68	83	231108	48.994	ug/l	100
31) Cyclohexane	7.95	56	242326	46.949	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	189116	49.321	ug/l	100
36) 1,1-Dichloropropene	8.08	75	200220	49.640	ug/l	100
37) Ethyl Acetate	7.25	43	85186	46.549	ug/l	100
38) Carbon Tetrachloride	8.07	117	182024	50.908	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV100819\
 Data File : VW013481.D
 Acq On : 08 Oct 2019 11:45
 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
 10/9/2019 4:08:47 PM

Quant Time: Oct 09 05:35:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:13:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	263353	50.396	ug/l	100
40) Benzene	8.32	78	558904	49.640	ug/l	100
41) Methacrylonitrile	7.48	41	49327	47.400	ug/l	100
42) 1,2-Dichloroethane	8.40	62	140020	49.201	ug/l	100
43) Isopropyl Acetate	8.42	43	159339	48.193	ug/l	100
44) Trichloroethene	9.09	130	160782	50.057	ug/l	100
45) 1,2-Dichloropropane	9.37	63	133526	49.410	ug/l	100
46) Dibromomethane	9.46	93	65223	48.447	ug/l	100
47) Bromodichloromethane	9.65	83	167077	49.924	ug/l	100
48) Methyl methacrylate	9.43	41	78421	48.153	ug/l	100
49) 1,4-Dioxane	9.46	88	22361	945.924	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	411306	236.625	ug/l	100
52) Toluene	10.38	92	364250	50.223	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	173260	49.823	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	209597	49.750	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	97082	48.042	ug/l	100
56) Ethyl methacrylate	10.65	69	136539	50.167	ug/l	100
57) 1,3-Dichloropropane	10.93	76	168886	48.672	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	330332	257.262	ug/l	100
59) 2-Hexanone	10.97	43	299551	251.315	ug/l	100
60) Dibromochloromethane	11.13	129	117929	50.747	ug/l	100
61) 1,2-Dibromoethane	11.23	107	92140	47.938	ug/l	100
64) Tetrachloroethene	10.86	164	138827	49.438	ug/l	100
65) Chlorobenzene	11.66	112	378486	49.923	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	131455	49.916	ug/l	100
67) Ethyl Benzene	11.73	91	688520	49.688	ug/l	100
68) m/p-Xylenes	11.84	106	530145	100.553	ug/l	100
69) o-Xylene	12.16	106	241447	49.567	ug/l	100
70) Styrene	12.18	104	424871	50.799	ug/l	100
71) Bromoform	12.35	173	71511	49.493	ug/l	100
73) Isopropylbenzene	12.46	105	684975	49.807	ug/l	100
74) N-amyl acetate	12.27	43	147033	48.885	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	111287	47.476	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	71665m	46.475	ug/l	
77) Bromobenzene	12.74	156	158933	48.756	ug/l	100
78) n-propylbenzene	12.80	91	793298	49.884	ug/l	100
79) 2-Chlorotoluene	12.89	91	438178	49.180	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	568533	49.754	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	37993	48.569	ug/l	100
82) 4-Chlorotoluene	12.99	91	457309	49.452	ug/l	100
83) tert-Butylbenzene	13.21	119	501813	49.449	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	560913	49.633	ug/l	100
85) sec-Butylbenzene	13.38	105	699120	49.860	ug/l	100
86) p-Isopropyltoluene	13.50	119	644117	49.998	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	305310	49.395	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	297416	49.118	ug/l	100
89) n-Butylbenzene	13.82	91	590403	50.732	ug/l	100
90) Hexachloroethane	14.09	117	108428	49.189	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	266379	48.811	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17368	46.476	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100819\
Data File : VW013481.D
Acq On : 08 Oct 2019 11:45
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
10/9/2019 4:08:47 PM

Quant Time: Oct 09 05:35:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 05:13:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	192744	49.974	ug/l	100
94) Hexachlorobutadiene	15.24	225	126369	49.303	ug/l	100
95) Naphthalene	15.36	128	330014	49.464	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	165052	48.938	ug/l	100

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

