

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092019\
 Data File : VW013183.D
 Acq On : 20 Sep 2019 15:34
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW092019

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 5:28:51 AM

Quant Time: Sep 20 16:13:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	380098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	547785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	468312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	237442	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	142916	46.07	ug/l	0.00
Spiked Amount			Recovery	=	92.14%	
35) Dibromofluoromethane	7.88	113	142670	47.35	ug/l	0.00
Spiked Amount			Recovery	=	94.70%	
50) Toluene-d8	10.32	98	594334	47.14	ug/l	0.00
Spiked Amount			Recovery	=	94.28%	
62) 4-Bromofluorobenzene	12.62	95	202111	46.92	ug/l	0.00
Spiked Amount			Recovery	=	93.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	107791	49.162	ug/l	95
3) Chloromethane	2.21	50	123760	43.911	ug/l	99
4) Vinyl Chloride	2.36	62	166442	45.807	ug/l	94
5) Bromomethane	2.78	94	107925	46.870	ug/l	91
6) Chloroethane	2.92	64	99089	46.265	ug/l	95
7) Trichlorofluoromethane	3.25	101	96872	46.235	ug/l	96
8) Diethyl Ether	3.68	74	81799	45.707	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	161521	47.351	ug/l	100
10) Methyl Iodide	4.27	142	240168	45.412	ug/l	99
11) Tert butyl alcohol	5.19	59	49675	221.285	ug/l #	88
12) 1,1-Dichloroethene	4.04	96	168180	47.612	ug/l	99
13) Acrolein	3.89	56	42521	238.111	ug/l	98
14) Allyl chloride	4.66	41	271196	48.241	ug/l	100
15) Acrylonitrile	5.37	53	178143	230.623	ug/l	99
16) Acetone	4.13	43	182423	260.764	ug/l	92
17) Carbon Disulfide	4.38	76	492891	48.277	ug/l	96
18) Methyl Acetate	4.67	43	83635	42.530	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	251856	46.522	ug/l	98
20) Methylene Chloride	4.91	84	168647	46.960	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	180775	47.351	ug/l	96
22) Diisopropyl ether	6.31	45	506115	47.344	ug/l	99
23) Vinyl Acetate	6.25	43	1523284	240.191	ug/l	99
24) 1,1-Dichloroethane	6.21	63	304228	47.162	ug/l	100
25) 2-Butanone	7.17	43	235377	224.132	ug/l	95
26) 2,2-Dichloropropane	7.16	77	189578	49.055	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	187826	46.618	ug/l	99
28) Bromochloromethane	7.51	49	125358	50.633	ug/l #	99
29) Tetrahydrofuran	7.53	42	145540	225.981	ug/l	100
30) Chloroform	7.67	83	291405	46.141	ug/l	97
31) Cyclohexane	7.95	56	310113	46.119	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	241702	47.253	ug/l	99
36) 1,1-Dichloropropene	8.08	75	250588	47.230	ug/l	99
37) Ethyl Acetate	7.24	43	101755	45.126	ug/l	98
38) Carbon Tetrachloride	8.07	117	227824	47.901	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092019\
 Data File : VW013183.D
 Acq On : 20 Sep 2019 15:34
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW092019

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 5:28:51 AM

Quant Time: Sep 20 16:13:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	332539	48.771	ug/l	97
40) Benzene	8.32	78	699939	47.296	ug/l	100
41) Methacrylonitrile	7.48	41	61871	45.973	ug/l	97
42) 1,2-Dichloroethane	8.40	62	183408	46.102	ug/l	99
43) Isopropyl Acetate	8.42	43	197615	45.726	ug/l	100
44) Trichloroethene	9.09	130	196346	47.287	ug/l	99
45) 1,2-Dichloropropane	9.37	63	172081	47.627	ug/l	98
46) Dibromomethane	9.46	93	82460	47.009	ug/l	99
47) Bromodichloromethane	9.64	83	214055	47.957	ug/l	99
48) Methyl methacrylate	9.43	41	101099	49.749	ug/l	94
49) 1,4-Dioxane	9.46	88	23021	874.296	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	492601	227.362	ug/l	99
52) Toluene	10.38	92	450784	47.528	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	223312	48.697	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	272044	48.791	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	121707	46.420	ug/l	96
56) Ethyl methacrylate	10.65	69	164229	47.862	ug/l	99
57) 1,3-Dichloropropane	10.93	76	213084	46.573	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	391193	246.263	ug/l	99
59) 2-Hexanone	10.96	43	353238	236.976	ug/l	99
60) Dibromochloromethane	11.13	129	141501	47.530	ug/l	99
61) 1,2-Dibromoethane	11.23	107	115690	46.408	ug/l	99
64) Tetrachloroethene	10.86	164	169768	47.778	ug/l	97
65) Chlorobenzene	11.66	112	463360	47.382	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.72	131	160820	48.136	ug/l	99
67) Ethyl Benzene	11.73	91	857266	48.381	ug/l	98
68) m/p-Xylenes	11.83	106	652964	96.706	ug/l	99
69) o-Xylene	12.16	106	299268	47.673	ug/l	99
70) Styrene	12.18	104	522507	48.482	ug/l	99
71) Bromoform	12.35	173	84266	47.742	ug/l	100
73) Isopropylbenzene	12.46	105	849123	48.410	ug/l	100
74) N-amyl acetate	12.27	43	185285	47.605	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	133670	45.568	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	106073m	50.585	ug/l	
77) Bromobenzene	12.74	156	196705	47.325	ug/l	100
78) n-propylbenzene	12.80	91	997196	48.570	ug/l	99
79) 2-Chlorotoluene	12.89	91	553298	48.103	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	708518	48.054	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	45043	48.200	ug/l	99
82) 4-Chlorotoluene	12.99	91	579435	47.770	ug/l	99
83) tert-Butylbenzene	13.21	119	625794	48.357	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	711612	48.502	ug/l	98
85) sec-Butylbenzene	13.38	105	874002	48.986	ug/l	100
86) p-Isopropyltoluene	13.50	119	813968	49.187	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	377640	47.208	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	377155	48.073	ug/l	100
89) n-Butylbenzene	13.82	91	754599	49.939	ug/l	100
90) Hexachloroethane	14.09	117	138029	49.651	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	330985	47.826	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	21134	47.102	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092019\
Data File : VW013183.D
Acq On : 20 Sep 2019 15:34
Operator : SY/VA
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVW092019

Manual Integrations
APPROVED

MMDadoda
9/24/2019 5:28:51 AM

Quant Time: Sep 20 16:13:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	250275	50.468	ug/l	100
94) Hexachlorobutadiene	15.24	225	165104	48.664	ug/l	99
95) Naphthalene	15.36	128	416934	51.405	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	214927	50.158	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092019\
 Data File : VW013183.D
 Acd On : 20 Sep 2019 15:34
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW092019

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 5:28:51 AM

Quant Time: Sep 20 16:13:05 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

