

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092019\
 Data File : VW013180.D
 Acq On : 20 Sep 2019 14:01
 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
 9/24/2019 5:28:45 AM

Quant Time: Sep 20 15:15:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 14:51:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	361138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	520196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	449633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	226435	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	147978	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	
35) Dibromofluoromethane	7.88	113	144153	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
50) Toluene-d8	10.32	98	611038	55.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.18%	
62) 4-Bromofluorobenzene	12.62	95	206285	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	97132	59.419	ug/l 100
3) Chloromethane	2.21	50	122019	58.572	ug/l 100
4) Vinyl Chloride	2.36	62	163342	59.990	ug/l 100
5) Bromomethane	2.77	94	106919	63.293	ug/l 100
6) Chloroethane	2.92	64	100050	60.226	ug/l 100
7) Trichlorofluoromethane	3.25	101	97301	53.264	ug/l 100
8) Diethyl Ether	3.68	74	84350	57.777	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	159657	56.554	ug/l 100
10) Methyl Iodide	4.27	142	251156	68.042	ug/l 100
11) Tert butyl alcohol	5.18	59	47925	189.488	ug/l 100
12) 1,1-Dichloroethene	4.04	96	164693	62.586	ug/l 100
13) Acrolein	3.89	56	44811	195.610	ug/l 100
14) Allyl chloride	4.66	41	267502	55.436	ug/l 100
15) Acrylonitrile	5.37	53	179063	249.124	ug/l 100
16) Acetone	4.13	43	157066	205.247	ug/l 100
17) Carbon Disulfide	4.38	76	486110	83.904	ug/l 100
18) Methyl Acetate	4.67	43	86806	45.933	ug/l 100
19) Methyl tert-butyl Ether	5.42	73	257586	52.193	ug/l 100
20) Methylene Chloride	4.91	84	174000	53.671	ug/l 100
21) trans-1,2-Dichloroethene	5.42	96	181754	64.290	ug/l 100
22) Diisopropyl ether	6.31	45	516921	52.372	ug/l 100
23) Vinyl Acetate	6.25	43	1520107	259.009	ug/l 100
24) 1,1-Dichloroethane	6.21	63	306262	53.270	ug/l 100
25) 2-Butanone	7.17	43	232476	223.844	ug/l 100
26) 2,2-Dichloropropane	7.17	77	191212	47.647	ug/l 100
27) cis-1,2-Dichloroethene	7.17	96	193203	58.392	ug/l 100
28) Bromochloromethane	7.51	49	127190	52.810	ug/l 100
29) Tetrahydrofuran	7.52	42	147556	246.036	ug/l 100
30) Chloroform	7.67	83	291463	50.484	ug/l 100
31) Cyclohexane	7.95	56	304353	59.615	ug/l 100
32) 1,1,1-Trichloroethane	7.87	97	242775	50.979	ug/l 100
36) 1,1-Dichloropropene	8.08	75	248226	57.873	ug/l 100
37) Ethyl Acetate	7.25	43	103050	47.224	ug/l 100
38) Carbon Tetrachloride	8.07	117	228125	53.062	ug/l 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092019\
 Data File : VW013180.D
 Acq On : 20 Sep 2019 14:01
 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
 9/24/2019 5:28:45 AM

Quant Time: Sep 20 15:15:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 14:51:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	327630	67.008	ug/l	100
40) Benzene	8.32	78	701356	58.572	ug/l	100
41) Methacrylonitrile	7.48	41	63836	44.896	ug/l	100
42) 1,2-Dichloroethane	8.40	62	188597	48.859	ug/l	100
43) Isopropyl Acetate	8.42	43	200504	48.007	ug/l	100
44) Trichloroethene	9.09	130	195795	59.294	ug/l	100
45) 1,2-Dichloropropane	9.37	63	171000	54.748	ug/l	100
46) Dibromomethane	9.46	93	82726	55.150	ug/l	100
47) Bromodichloromethane	9.64	83	214485	51.860	ug/l	100
48) Methyl methacrylate	9.43	41	94725	48.218	ug/l	100
49) 1,4-Dioxane	9.46	88	21640	900.571	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	504105	234.766	ug/l	100
52) Toluene	10.38	92	452247	59.379	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	223058	53.337	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	266998	55.296	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	122566	53.817	ug/l	100
56) Ethyl methacrylate	10.64	69	166300	54.572	ug/l	100
57) 1,3-Dichloropropane	10.93	76	217807	54.058	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	398369	247.108	ug/l	100
59) 2-Hexanone	10.97	43	348096	234.044	ug/l	100
60) Dibromochloromethane	11.13	129	143304	52.683	ug/l	100
61) 1,2-Dibromoethane	11.24	107	115901	55.611	ug/l	100
64) Tetrachloroethene	10.86	164	169418	60.631	ug/l	100
65) Chlorobenzene	11.66	112	462770	56.335	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	162397	52.650	ug/l	100
67) Ethyl Benzene	11.73	91	863830	57.157	ug/l	100
68) m/p-Xylenes	11.84	106	661836	118.835	ug/l	100
69) o-Xylene	12.16	106	304359	58.457	ug/l	100
70) Styrene	12.18	104	533121	57.781	ug/l	100
71) Bromoform	12.35	173	85046	52.774	ug/l	100
73) Isopropylbenzene	12.46	105	849080	55.684	ug/l	100
74) N-amyl acetate	12.27	43	188910	49.417	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	136902	51.941	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	105785m	53.551	ug/l	
77) Bromobenzene	12.74	156	204059	57.443	ug/l	100
78) n-propylbenzene	12.80	91	1001450	55.869	ug/l	100
79) 2-Chlorotoluene	12.89	91	557502	54.289	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	716565	55.475	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	45100	51.663	ug/l	100
82) 4-Chlorotoluene	12.99	91	577322	53.567	ug/l	100
83) tert-Butylbenzene	13.21	119	632127	54.968	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	713029	55.896	ug/l	100
85) sec-Butylbenzene	13.38	105	875237	55.689	ug/l	100
86) p-Isopropyltoluene	13.49	119	810723	56.100	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	384158	55.075	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	377641	55.226	ug/l	100
89) n-Butylbenzene	13.82	91	746873	55.093	ug/l	100
90) Hexachloroethane	14.09	117	137112	53.365	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	332872	54.408	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	21184	44.684	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092019\
Data File : VW013180.D
Acq On : 20 Sep 2019 14:01
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
9/24/2019 5:28:45 AM

Quant Time: Sep 20 15:15:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 20 14:51:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	244266	55.872	ug/l	100
94) Hexachlorobutadiene	15.24	225	162213	52.677	ug/l	100
95) Naphthalene	15.36	128	408945	56.423	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	209860	54.482	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092019\
Data File : VW013180.D
Acq On : 20 Sep 2019 14:01
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
9/24/2019 5:28:45 AM

Quant Time: Sep 20 15:15:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 20 14:51:18 2019
Response via : Initial Calibration

