

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012881.D
 Acq On : 10 Sep 2019 19:50
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/11/2019 9:26:41 AM

Quant Time: Sep 11 08:43:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	197183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	291748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	258177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	132778	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105352	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
35) Dibromofluoromethane	7.88	113	85185	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	10.32	98	344511	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.62	95	123681	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	47527	44.461	ug/l	96
3) Chloromethane	2.21	50	63303	48.727	ug/l	100
4) Vinyl Chloride	2.36	62	81831	51.373	ug/l	97
5) Bromomethane	2.73	94	48061	55.563	ug/l	100
6) Chloroethane	2.90	64	50716	53.355	ug/l	99
7) Trichlorofluoromethane	3.24	101	53839	48.979	ug/l	99
8) Diethyl Ether	3.67	74	46388	50.211	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	86618	50.213	ug/l	97
10) Methyl Iodide	4.26	142	113087	52.077	ug/l	96
11) Tert butyl alcohol	5.16	59	46568	276.258	ug/l	99
12) 1,1-Dichloroethene	4.03	96	81845	50.262	ug/l	95
13) Acrolein	3.89	56	45975	257.015	ug/l	99
14) Allyl chloride	4.66	41	153852	45.673	ug/l	99
15) Acrylonitrile	5.36	53	139706	258.904	ug/l	99
16) Acetone	4.11	43	131044	218.177	ug/l	98
17) Carbon Disulfide	4.38	76	152222	44.040	ug/l	99
18) Methyl Acetate	4.66	43	71443	50.698	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	172719	53.483	ug/l	97
20) Methylene Chloride	4.92	84	92629	49.295	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	82861	49.870	ug/l	89
22) Diisopropyl ether	6.31	45	336251	50.329	ug/l	98
23) Vinyl Acetate	6.25	43	1066884	251.976	ug/l	98
24) 1,1-Dichloroethane	6.21	63	179777	49.975	ug/l	98
25) 2-Butanone	7.17	43	195397	223.230	ug/l	99
26) 2,2-Dichloropropane	7.17	77	110136	48.474	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	103134	53.533	ug/l	95
28) Bromochloromethane	7.51	49	78190	47.336	ug/l #	88
29) Tetrahydrofuran	7.52	42	122580	252.724	ug/l	95
30) Chloroform	7.67	83	181036	50.779	ug/l	99
31) Cyclohexane	7.95	56	142925	44.132	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	146891	50.829	ug/l	98
36) 1,1-Dichloropropene	8.08	75	131943	50.899	ug/l	99
37) Ethyl Acetate	7.25	43	86511	52.352	ug/l	100
38) Carbon Tetrachloride	8.06	117	132737	51.945	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012881.D
 Acq On : 10 Sep 2019 19:50
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/11/2019 9:26:41 AM

Quant Time: Sep 11 08:43:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	147007	50.493	ug/l	93
40) Benzene	8.32	78	367122	51.044	ug/l	98
41) Methacrylonitrile	7.48	41	49702	44.687	ug/l	95
42) 1,2-Dichloroethane	8.40	62	128930	50.936	ug/l	99
43) Isopropyl Acetate	8.42	43	162971	52.055	ug/l	98
44) Trichloroethene	9.09	130	99043	53.423	ug/l	86
45) 1,2-Dichloropropane	9.37	63	103664	51.967	ug/l	100
46) Dibromomethane	9.46	93	51574	54.598	ug/l	98
47) Bromodichloromethane	9.64	83	136808	52.642	ug/l	99
48) Methyl methacrylate	9.43	41	75368	50.374	ug/l	98
49) 1,4-Dioxane	9.45	88	19492	1044.655	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	432669	263.373	ug/l	98
52) Toluene	10.38	92	238441	53.117	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	142471	53.314	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	159724	52.688	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	77164	54.564	ug/l	98
56) Ethyl methacrylate	10.64	69	115708	55.895	ug/l	95
57) 1,3-Dichloropropane	10.93	76	138304	52.864	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	302736	275.470	ug/l	97
59) 2-Hexanone	10.96	43	301675	251.354	ug/l	98
60) Dibromochloromethane	11.13	129	92662	55.713	ug/l	99
61) 1,2-Dibromoethane	11.23	107	72247	55.723	ug/l	99
64) Tetrachloroethene	10.86	164	87349	55.758	ug/l	96
65) Chlorobenzene	11.66	112	260691	53.424	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	97831	53.836	ug/l	98
67) Ethyl Benzene	11.73	91	483836	52.847	ug/l	100
68) m/p-Xylenes	11.84	106	357267	108.110	ug/l	99
69) o-Xylene	12.16	106	169787	54.459	ug/l	97
70) Styrene	12.18	104	304908	55.345	ug/l	98
71) Bromoform	12.35	173	56409	55.872	ug/l #	98
73) Isopropylbenzene	12.46	105	490505	51.506	ug/l	100
74) N-amyl acetate	12.27	43	153411	50.751	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	97025	50.731	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	64939m	47.830	ug/l	
77) Bromobenzene	12.74	156	113969	52.823	ug/l	95
78) n-propylbenzene	12.80	91	587451	51.577	ug/l	99
79) 2-Chlorotoluene	12.89	91	333572	51.016	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	417736	52.057	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	31711	49.400	ug/l	100
82) 4-Chlorotoluene	12.99	91	348119	50.334	ug/l	98
83) tert-Butylbenzene	13.21	119	376912	53.120	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	416775	51.543	ug/l	98
85) sec-Butylbenzene	13.38	105	512724	52.075	ug/l	99
86) p-Isopropyltoluene	13.50	119	475318	52.852	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	223191	52.629	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	218491	51.777	ug/l	99
89) n-Butylbenzene	13.82	91	448969	51.422	ug/l	99
90) Hexachloroethane	14.09	117	81939	52.190	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	203368	53.280	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17784	50.811	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
Data File : VW012881.D
Acq On : 10 Sep 2019 19:50
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/11/2019 9:26:41 AM

Quant Time: Sep 11 08:43:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	151142	56.874	ug/l	98
94) Hexachlorobutadiene	15.24	225	99791	54.251	ug/l	97
95) Naphthalene	15.36	128	282836	50.704	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	133497	56.910	ug/l	100

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

