

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083019\
 Data File : VW012342.D
 Acq On : 30 Aug 2019 09:30
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/31/2019 9:11:05 AM

Quant Time: Aug 30 16:34:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	222716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	350456	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	139886	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	132614	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
35) Dibromofluoromethane	7.88	113	111414	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
50) Toluene-d8	10.32	98	451186	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
62) 4-Bromofluorobenzene	12.62	95	155227	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	81575	59.485	ug/l	99
3) Chloromethane	2.21	50	117501	55.305	ug/l	99
4) Vinyl Chloride	2.36	62	150546	57.893	ug/l	100
5) Bromomethane	2.78	94	75467	57.303	ug/l	97
6) Chloroethane	2.92	64	85377	58.200	ug/l	99
7) Trichlorofluoromethane	3.26	101	86603	66.324	ug/l	96
8) Diethyl Ether	3.68	74	64878	52.346	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	126027	56.781	ug/l	98
10) Methyl Iodide	4.28	142	172329	57.384	ug/l	100
11) Tert butyl alcohol	5.17	59	36823	231.114	ug/l	100
12) 1,1-Dichloroethene	4.04	96	127399	57.029	ug/l	97
13) Acrolein	3.89	56	27962	186.440	ug/l	97
14) Allyl chloride	4.67	41	275941	57.778	ug/l	100
15) Acrylonitrile	5.37	53	158025	257.233	ug/l	100
16) Acetone	4.12	43	176280	260.473	ug/l	98
17) Carbon Disulfide	4.38	76	379400	56.196	ug/l	100
18) Methyl Acetate	4.67	43	82594	49.273	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	199115	55.116	ug/l	99
20) Methylene Chloride	4.92	84	132908	51.948	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	133772	55.841	ug/l	99
22) Diisopropyl ether	6.31	45	490096	55.363	ug/l	99
23) Vinyl Acetate	6.25	43	1484785	272.540	ug/l	99
24) 1,1-Dichloroethane	6.21	63	271269	56.280	ug/l	98
25) 2-Butanone	7.17	43	228047	247.971	ug/l	99
26) 2,2-Dichloropropane	7.17	77	159848	58.591	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	143269	55.976	ug/l	99
28) Bromochloromethane	7.51	49	101938	48.523	ug/l	98
29) Tetrahydrofuran	7.52	42	141128	255.782	ug/l	99
30) Chloroform	7.67	83	242843	55.069	ug/l	98
31) Cyclohexane	7.95	56	252020	52.848	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	200377	57.439	ug/l	100
36) 1,1-Dichloropropene	8.08	75	206786	57.099	ug/l	99
37) Ethyl Acetate	7.25	43	100408	50.595	ug/l	99
38) Carbon Tetrachloride	8.07	117	180591	57.613	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083019\
 Data File : VW012342.D
 Acq On : 30 Aug 2019 09:30
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/31/2019 9:11:05 AM

Quant Time: Aug 30 16:34:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	232826	57.226	ug/l	99
40) Benzene	8.32	78	556937	56.319	ug/l	100
41) Methacrylonitrile	7.48	41	61753	52.943	ug/l	98
42) 1,2-Dichloroethane	8.40	62	168346	54.318	ug/l	100
43) Isopropyl Acetate	8.42	43	190515	51.826	ug/l	99
44) Trichloroethene	9.09	130	135706	56.451	ug/l	97
45) 1,2-Dichloropropane	9.37	63	146634	55.096	ug/l	100
46) Dibromomethane	9.46	93	63189	53.363	ug/l	99
47) Bromodichloromethane	9.64	83	173487	55.049	ug/l	97
48) Methyl methacrylate	9.43	41	91831	52.487	ug/l	99
49) 1,4-Dioxane	9.46	88	16874	930.835	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	483545	258.616	ug/l	100
52) Toluene	10.38	92	338372	56.958	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	177133	55.178	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	216496	55.854	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	89106	53.185	ug/l	99
56) Ethyl methacrylate	10.65	69	131308	53.850	ug/l	99
57) 1,3-Dichloropropane	10.93	76	171789	54.259	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	345641	276.195	ug/l	100
59) 2-Hexanone	10.97	43	342711	259.048	ug/l	100
60) Dibromochloromethane	11.13	129	103815	55.632	ug/l	99
61) 1,2-Dibromoethane	11.24	107	83383	53.422	ug/l	99
64) Tetrachloroethene	10.86	164	111170	58.236	ug/l	99
65) Chlorobenzene	11.66	112	331766	57.222	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	116082	57.391	ug/l	98
67) Ethyl Benzene	11.73	91	657799	58.897	ug/l	98
68) m/p-Xylenes	11.84	106	474217	117.875	ug/l	99
69) o-Xylene	12.16	106	217439	58.397	ug/l	100
70) Styrene	12.18	104	374358	58.085	ug/l	99
71) Bromoform	12.35	173	55525	55.099	ug/l	98
73) Isopropylbenzene	12.46	105	622505	59.389	ug/l	99
74) N-amyl acetate	12.27	43	171569	54.176	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	102538	53.360	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	71293m	52.329	ug/l	
77) Bromobenzene	12.74	156	130165	57.401	ug/l	97
78) n-propylbenzene	12.80	91	757949	59.232	ug/l	99
79) 2-Chlorotoluene	12.89	91	423002	58.225	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	519246	59.284	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	34489	55.504	ug/l	99
82) 4-Chlorotoluene	12.99	91	443520	58.305	ug/l	99
83) tert-Butylbenzene	13.21	119	443081	59.720	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	512958	58.302	ug/l	99
85) sec-Butylbenzene	13.38	105	634292	59.673	ug/l	100
86) p-Isopropyltoluene	13.50	119	570667	60.116	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	254664	57.416	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	249274	56.601	ug/l	100
89) n-Butylbenzene	13.82	91	571504	60.541	ug/l	100
90) Hexachloroethane	14.09	117	97703	58.664	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	220937	56.781	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17247	53.239	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW083019\
Data File : VW012342.D
Acq On : 30 Aug 2019 09:30
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
8/31/2019 9:11:05 AM

Quant Time: Aug 30 16:34:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	161912	60.214	ug/l	100
94) Hexachlorobutadiene	15.24	225	109277	61.547	ug/l	98
95) Naphthalene	15.36	128	280849	52.948	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	139675	59.537	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW083019\
 Data File : VW012342.D
 Acq On : 30 Aug 2019 09:30
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/31/2019 9:11:05 AM

Quant Time: Aug 30 16:34:04 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

