

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100319\
 Data File : VW013422.D
 Acq On : 03 Oct 2019 16:36
 Operator : SY/VA
 Sample : K5176-02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 30440-3077

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 12:06:53 PM

Quant Time: Oct 04 09:44:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	241969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	362244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	217628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	52103	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	108078	59.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.64%	
35) Dibromofluoromethane	7.88	113	106078	55.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.62%	
50) Toluene-d8	10.32	98	363883	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
62) 4-Bromofluorobenzene	12.62	95	78843	29.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.86%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.22	59	997144	3544.232	ug/l	99
16) Acetone	4.14	43	5300672	9571.582	ug/l	95
17) Carbon Disulfide	4.37	76	44348	7.137	ug/l	95
18) Methyl Acetate	4.68	43	30487	23.521	ug/l #	88
19) Methyl tert-butyl Ether	5.42	73	23147	7.061	ug/l #	71
25) 2-Butanone	7.17	43	98637	139.196	ug/l	95
31) Cyclohexane	7.92	56	215949	52.245	ug/l #	45
39) Methylcyclohexane	9.34	83	97987	22.114	ug/l	95
40) Benzene	8.32	78	27347	2.871	ug/l	99
48) Methyl methacrylate	9.43	41	466655	347.511	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	715073	486.989	ug/l	98
52) Toluene	10.39	92	10379483	1689.591	ug/l	90
59) 2-Hexanone	10.97	43	32306m	31.742	ug/l	
64) Tetrachloroethene	10.86	164	19867	11.999	ug/l	94
67) Ethyl Benzene	11.73	91	347113	43.439	ug/l	100
68) m/p-Xylenes	11.83	106	433745	140.627	ug/l	100
69) o-Xylene	12.16	106	157577	55.256	ug/l	99
73) Isopropylbenzene	12.46	105	73460	19.275	ug/l	99
78) n-propylbenzene	12.80	91	290090	66.170	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	288861	91.240	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	880792	279.855	ug/l	100
85) sec-Butylbenzene	13.38	105	95906	25.155	ug/l	87
86) p-Isopropyltoluene	13.50	119	51017	14.439	ug/l	100
89) n-Butylbenzene	13.82	91	102749m	32.254	ug/l	
95) Naphthalene	15.36	128	120992	65.665	ug/l	98

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

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