

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100319\
 Data File : VW013423.D
 Acq On : 03 Oct 2019 17:02
 Operator : SY/VA
 Sample : K5176-05RE
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 30464-67RE

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 12:06:48 PM

Quant Time: Oct 04 09:55:42 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	235532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	356178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	229188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	48623	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	102146	58.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.16%	
35) Dibromofluoromethane	7.88	113	101594	54.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.72%	
50) Toluene-d8	10.32	98	348341	44.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.82%	
62) 4-Bromofluorobenzene	12.62	95	82149	31.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.44%	
Target Compounds						
					Qvalue	
7) Trichlorofluoromethane	3.24	101	3018	3.261	ug/l	97
11) Tert butyl alcohol	5.23	59	28668	193.738	ug/l	95
16) Acetone	4.13	43	147564	273.743	ug/l	100
17) Carbon Disulfide	4.38	76	24943	4.124	ug/l #	95
20) Methylene Chloride	4.91	84	53985	23.023	ug/l	99
25) 2-Butanone	7.17	43	39487	57.247	ug/l	98
30) Chloroform	7.67	83	353004	95.421	ug/l	99
31) Cyclohexane	7.92	56	134678	33.473	ug/l #	45
39) Methylcyclohexane	9.33	83	31489	7.227	ug/l	92
40) Benzene	8.32	78	10258	1.095	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	39980	27.691	ug/l	100
52) Toluene	10.38	92	568441	94.108	ug/l	99
59) 2-Hexanone	10.97	43	5767m	5.763	ug/l	
67) Ethyl Benzene	11.73	91	57990	6.891	ug/l	97
68) m/p-Xylenes	11.84	106	111136	34.215	ug/l	97
69) o-Xylene	12.16	106	57282	19.073	ug/l	98
70) Styrene	12.18	104	27630m	5.382	ug/l	
73) Isopropylbenzene	12.47	105	36317	10.211	ug/l	78
78) n-propylbenzene	12.80	91	45650	11.158	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	70370	23.818	ug/l	96
84) 1,2,4-Trimethylbenzene	13.25	105	231910	78.959	ug/l	99
85) sec-Butylbenzene	13.38	105	53391	15.006	ug/l	92
86) p-Isopropyltoluene	13.50	119	264654m	80.261	ug/l	
89) n-Butylbenzene	13.82	91	35939m	12.089	ug/l	
95) Naphthalene	15.36	128	29323	17.053	ug/l #	95

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

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