

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD040919\
 Data File : VD061686.D
 Acq On : 9 Apr 2019 20:29
 Operator : VA/AP
 Sample : K2316-03
 Misc : 5.06g/5ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190171-COMP-CS-3

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 3:00:03 AM

Quant Time: Apr 10 09:21:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	324055	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.26	114	613822	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.39	117	375114	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.54	152	81163	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.49	65	181664	73.96	ug/l	0.04
Spiked Amount 50.000			Recovery	=	147.92%	
35) Dibromofluoromethane	6.97	113	267718	62.96	ug/l	0.05
Spiked Amount 50.000			Recovery	=	125.92%	
50) Toluene-d8	10.44	98	487428	45.62	ug/l	0.04
Spiked Amount 50.000			Recovery	=	91.24%	
62) 4-Bromofluorobenzene	13.57	95	121211m	29.56	ug/l	0.02
Spiked Amount 50.000			Recovery	=	59.12%	
Target Compounds						
					Qvalue	
16) Acetone	3.25	43	128485	174.982	ug/l	91
17) Carbon Disulfide	3.41	76	122451	11.155	ug/l	100
20) Methylene Chloride	3.85	84	20292	4.870	ug/l	95
25) 2-Butanone	6.10	43	45992	54.332	ug/l	95
31) Cyclohexane	7.00	56	23132	5.002	ug/l #	84
39) Methylcyclohexane	8.90	83	19588	3.552	ug/l #	91
40) Benzene	7.49	78	2306804	177.994	ug/l	100
52) Toluene	10.54	92	223206	27.581	ug/l	93
65) Chlorobenzene	12.42	112	338762	45.539	ug/l	100
67) Ethyl Benzene	12.54	91	367376	32.431	ug/l	98
68) m/p-Xylenes	12.68	106	267161	61.175	ug/l	98
69) o-Xylene	13.07	106	112614	26.713	ug/l	94
73) Isopropylbenzene	13.42	105	814206	150.557	ug/l	98
78) n-propylbenzene	13.79	91	82632	12.773	ug/l	88
79) 2-Chlorotoluene	13.86	91	244697	66.146	ug/l	93
80) 1,3,5-Trimethylbenzene	13.95	105	79264	18.466	ug/l	99
83) tert-Butylbenzene	14.20	119	87395	16.887	ug/l	99
84) 1,2,4-Trimethylbenzene	14.25	105	186167	42.974	ug/l	96
85) sec-Butylbenzene	14.38	105	31787	5.685	ug/l	99
86) p-Isopropyltoluene	14.51	119	121712	25.092	ug/l	97
87) 1,3-Dichlorobenzene	14.47	146	11959	4.427	ug/l #	66
88) 1,4-Dichlorobenzene	14.55	146	19449	7.135	ug/l #	78
95) Naphthalene	16.14	128	48909	27.249	ug/l	99

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

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