

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
 Data File : VD062513.D
 Acq On : 22 May 2019 19:56
 Operator : VA/AP
 Sample : K2996-12
 Misc : 5.76g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P-10(4.5-5.0)

Manual Integrations
 APPROVED

MMDadoda
 5/23/2019 11:21:54 AM

Quant Time: May 23 04:53:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.10	168	153598m	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.32	114	138872m	50.00	ug/l	0.09
63) Chlorobenzene-d5	12.48	117	89783	50.00	ug/l	0.10
72) 1,4-Dichlorobenzene-d4	14.52	152	5508	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.55	65	43869m	26.68	ug/l	0.08
Spiked Amount	50.000		Recovery	=	53.36%	
35) Dibromofluoromethane	6.92	113	124678	99.52	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	199.04%	
50) Toluene-d8	10.72	98	1105327m	403.17	ug/l	0.29
Spiked Amount	50.000		Recovery	=	806.34%	
62) 4-Bromofluorobenzene	13.57	95	318091m	265.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	530.48%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.83	50	11007m	10.344	ug/l	
17) Carbon Disulfide	3.37	76	48786m	14.161	ug/l	
31) Cyclohexane	7.03	56	2831952m	1824.219	ug/l	
39) Methylcyclohexane	9.12	83	75385590m	68839.187	ug/l	
67) Ethyl Benzene	12.62	91	41390165	13917.810	ug/l #	76
68) m/p-Xylenes	12.76	106	10369647m	9713.835	ug/l	
69) o-Xylene	13.10	106	145870	144.823	ug/l	70
73) Isopropylbenzene	13.44	105	13615767	39217.039	ug/l	92
78) n-propylbenzene	13.80	91	13560892	33719.983	ug/l	90
80) 1,3,5-Trimethylbenzene	13.95	105	8922529	29680.972	ug/l	92
83) tert-Butylbenzene	14.20	119	119304m	357.784	ug/l	
84) 1,2,4-Trimethylbenzene	14.27	105	17157128	55699.107	ug/l	84
85) sec-Butylbenzene	14.38	105	789015	2269.268	ug/l	99
86) p-Isopropyltoluene	14.49	119	293515	931.524	ug/l	89
89) n-Butylbenzene	14.80	91	401706m	1321.012	ug/l	
95) Naphthalene	16.12	128	244409	1536.004	ug/l	99

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

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