

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
 Data File : VD062501.D
 Acq On : 22 May 2019 14:07
 Operator : VA/AP
 Sample : K2996-01
 Misc : 6.29g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P-1(9.5-10.0)

Manual Integrations
 APPROVED

MMDadoda
 5/23/2019 11:20:59 AM

Quant Time: May 23 03:29:13 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	7.13	168	163087m	50.00	ug/l	0.07
34) 1,4-Difluorobenzene	8.30	114	211609	50.00	ug/l	0.06
63) Chlorobenzene-d5	12.47	117	164878	50.00	ug/l	0.09
72) 1,4-Dichlorobenzene-d4	14.53	152	6088	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.52	65	25438	14.57	ug/l	0.05
Spiked Amount	50.000		Recovery	=	29.14%	
35) Dibromofluoromethane	6.95	113	115616	60.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.12%	
50) Toluene-d8	10.67	98	970808m	232.39	ug/l	0.24
Spiked Amount	50.000		Recovery	=	464.78%	
62) 4-Bromofluorobenzene	13.58	95	238486m	130.50	ug/l	0.01
Spiked Amount	50.000		Recovery	=	261.00%	

Target Compounds

						Qvalue
3) Chloromethane	1.82	50	138710m	122.775	ug/l	
31) Cyclohexane	7.09	56	9535234	5784.803	ug/l #	41
39) Methylcyclohexane	9.11	83	42334108m	25369.877	ug/l	
40) Benzene	7.60	78	5719553m	1441.277	ug/l	
52) Toluene	10.73	92	2952919m	1086.951	ug/l	
67) Ethyl Benzene	12.61	91	65709144m	12031.810	ug/l	
68) m/p-Xylenes	12.81	106	34398334m	17546.705	ug/l	
69) o-Xylene	13.11	106	442561	239.264	ug/l	79
73) Isopropylbenzene	13.45	105	16434844	42826.992	ug/l	79
78) n-propylbenzene	13.81	91	13697031	30813.768	ug/l	79
80) 1,3,5-Trimethylbenzene	13.96	105	8519088	25639.087	ug/l	92
83) tert-Butylbenzene	14.21	119	133413m	361.979	ug/l	
84) 1,2,4-Trimethylbenzene	14.28	105	19938137	58560.868	ug/l	66
85) sec-Butylbenzene	14.38	105	903061	2349.832	ug/l	97
86) p-Isopropyltoluene	14.51	119	323409	928.614	ug/l	91
89) n-Butylbenzene	14.80	91	674468m	2006.685	ug/l	
95) Naphthalene	16.12	128	368909	2097.557	ug/l	98

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

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