

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
 Data File : VD062506.D
 Acq On : 22 May 2019 16:48
 Operator : VA/AP
 Sample : K2996-05
 Misc : 5.42g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P-3(4.5-5.0)

Manual Integrations
 APPROVED

MMDadoda
 5/23/2019 11:21:28 AM

Quant Time: May 23 04:11:51 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	7.11	168	165052m	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.30	114	187891m	50.00	ug/l	0.06
63) Chlorobenzene-d5	12.48	117	149475	50.00	ug/l	0.10
72) 1,4-Dichlorobenzene-d4	14.52	152	4454	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.52	65	27992m	15.84	ug/l	0.05
Spiked Amount	50.000		Recovery	=	31.68%	
35) Dibromofluoromethane	6.99	113	154666m	91.25	ug/l	0.04
Spiked Amount	50.000		Recovery	=	182.50%	
50) Toluene-d8	10.67	98	475401m	128.16	ug/l	0.24
Spiked Amount	50.000		Recovery	=	256.32%	
62) 4-Bromofluorobenzene	13.58	95	161083m	99.27	ug/l	0.01
Spiked Amount	50.000		Recovery	=	198.54%	

Target Compounds

						Qvalue
3) Chloromethane	1.82	50	190764	166.839	ug/l #	69
17) Carbon Disulfide	3.35	76	45314m	12.241	ug/l	
31) Cyclohexane	7.12	56	10396613m	6232.290	ug/l	
39) Methylcyclohexane	9.13	83	32174920m	21715.688	ug/l	
40) Benzene	7.63	78	36106472m	10247.043	ug/l	
52) Toluene	10.80	92	54886806m	22753.830	ug/l	
67) Ethyl Benzene	12.68	91	75819904m	15313.784	ug/l	
68) m/p-Xylenes	12.83	106	43445620m	24445.465	ug/l	
69) o-Xylene	13.16	106	15833490	9442.231	ug/l	58
73) Isopropylbenzene	13.44	105	10410868	37082.017	ug/l	95
78) n-propylbenzene	13.80	91	11953313	36756.242	ug/l	99
80) 1,3,5-Trimethylbenzene	13.96	105	8828869	36319.424	ug/l	91
83) tert-Butylbenzene	14.20	119	59082m	219.111	ug/l	
84) 1,2,4-Trimethylbenzene	14.27	105	15985091	64174.497	ug/l	79
85) sec-Butylbenzene	14.38	105	722625	2570.142	ug/l	98
86) p-Isopropyltoluene	14.50	119	215776	846.858	ug/l	88
89) n-Butylbenzene	14.80	91	358441m	1457.672	ug/l	
95) Naphthalene	16.12	128	189007	1468.915	ug/l	99

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

