

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
 Data File : VD062511.D
 Acq On : 22 May 2019 19:02
 Operator : VA/AP
 Sample : K2996-10
 Misc : 5.45u/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P-9(4.5-5.0)

Manual Integrations
 APPROVED

MMDadoda
 5/23/2019 11:21:48 AM

Quant Time: May 23 04:38:58 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	7.07	168	209034m	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.28	114	263465	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.44	117	180242	50.00	ug/l	0.07
72) 1,4-Dichlorobenzene-d4	14.52	152	21532	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.51	65	30362m	13.57	ug/l	0.05
Spiked Amount			Recovery	=	27.14%	
35) Dibromofluoromethane	6.94	113	175453	73.82	ug/l	0.00
Spiked Amount			Recovery	=	147.64%	
50) Toluene-d8	10.66	98	995378m	191.37	ug/l	0.24
Spiked Amount			Recovery	=	382.74%	
62) 4-Bromofluorobenzene	13.59	95	641423m	281.91	ug/l	0.02
Spiked Amount			Recovery	=	563.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.84	50	45135m	31.169	ug/l	
17) Carbon Disulfide	3.36	76	60948	13.000	ug/l	99
31) Cyclohexane	7.08	56	10340878m	4894.598	ug/l	
39) Methylcyclohexane	9.04	83	37073080m	17844.230	ug/l	
40) Benzene	7.52	78	3265935m	661.004	ug/l	
52) Toluene	10.69	92	1374029m	406.224	ug/l	
67) Ethyl Benzene	12.65	91	36222544	6067.235	ug/l #	74
68) m/p-Xylenes	12.78	106	5921510m	2763.105	ug/l	
69) o-Xylene	13.10	106	467281	231.094	ug/l	77
73) Isopropylbenzene	13.46	105	20157206	14851.578	ug/l	79
78) n-propylbenzene	13.80	91	17433522	11089.036	ug/l #	70
80) 1,3,5-Trimethylbenzene	13.95	105	4269106	3632.760	ug/l	98
83) tert-Butylbenzene	14.20	119	355951	273.065	ug/l	89
84) 1,2,4-Trimethylbenzene	14.24	105	1275717	1059.418	ug/l	96
85) sec-Butylbenzene	14.37	105	1734672	1276.225	ug/l	98
86) p-Isopropyltoluene	14.49	119	620120	503.442	ug/l	91
89) n-Butylbenzene	14.80	91	984628m	828.286	ug/l	
95) Naphthalene	16.11	128	266045	427.701	ug/l	98

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

