

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
 Data File : VD062510.D
 Acq On : 22 May 2019 18:35
 Operator : VA/AP
 Sample : K2996-09
 Misc : 6.12g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P-9(0.5-1.0)

Manual Integrations
 APPROVED

MMDadoda
 5/23/2019 11:21:42 AM

Quant Time: May 23 04:30:33 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	7.06	168	179291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.24	114	424936	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.39	117	143034	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	81070	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.47	65	166256	86.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	173.26%	
35) Dibromofluoromethane	6.92	113	165168	43.09	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	86.18%	
50) Toluene-d8	10.47	98	582884	69.48	ug/l	0.04
Spiked Amount	50.000		Recovery	=	138.96%	
62) 4-Bromofluorobenzene	13.57	95	498773	135.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	271.84%	

Target Compounds

						Qvalue
3) Chloromethane	1.83	50	33983m	27.361	ug/l	
17) Carbon Disulfide	3.37	76	33510	8.333	ug/l	97
30) Chloroform	6.66	83	5032221	1470.738	ug/l #	26
31) Cyclohexane	7.05	56	12339778	6809.660	ug/l #	64
39) Methylcyclohexane	8.97	83	16396619	4893.199	ug/l #	78
40) Benzene	7.49	78	2318992	291.001	ug/l	98
52) Toluene	10.58	92	882662	161.794	ug/l	99
67) Ethyl Benzene	12.57	91	8146987	1719.593	ug/l	97
68) m/p-Xylenes	12.72	106	1601800	941.868	ug/l	85
69) o-Xylene	13.08	106	351673	219.163	ug/l	80
73) Isopropylbenzene	13.44	105	18759890	3671.104	ug/l	86
78) n-propylbenzene	13.81	91	18341661	3098.643	ug/l #	75
80) 1,3,5-Trimethylbenzene	13.96	105	1389683	314.080	ug/l	99
83) tert-Butylbenzene	14.20	119	877707	178.833	ug/l	89
84) 1,2,4-Trimethylbenzene	14.25	105	1645401	362.919	ug/l	99
85) sec-Butylbenzene	14.38	105	3702538	723.492	ug/l	96
86) p-Isopropyltoluene	14.50	119	896577m	193.324	ug/l	
89) n-Butylbenzene	14.80	91	3678753	821.926	ug/l	96
95) Naphthalene	16.11	128	469875	200.628	ug/l	98

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

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