

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
 Data File : VD062504.D
 Acq On : 22 May 2019 15:54
 Operator : VA/AP
 Sample : K2996-03
 Misc : 5.40g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P-2(4.5-5.0)

Manual Integrations
 APPROVED

MMDadoda
 5/23/2019 11:21:19 AM

Quant Time: May 23 03:57:01 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	149534m	50.00	ug/l	0.07
34) 1,4-Difluorobenzene	8.33	114	168705m	50.00	ug/l	0.10
63) Chlorobenzene-d5	12.49	117	117018	50.00	ug/l	0.11
72) 1,4-Dichlorobenzene-d4	14.52	152	4819	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	53613	33.49	ug/l	0.01
Spiked Amount	50.000		Recovery	=	66.98%	
35) Dibromofluoromethane	6.94	113	94789	62.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.56%	
50) Toluene-d8	10.70	98	798812m	239.84	ug/l	0.27
Spiked Amount	50.000		Recovery	=	479.68%	
62) 4-Bromofluorobenzene	13.58	95	289442m	198.67	ug/l	0.01
Spiked Amount	50.000		Recovery	=	397.34%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.83	50	48075m	46.409	ug/l	
17) Carbon Disulfide	3.35	76	59637	17.782	ug/l	96
31) Cyclohexane	7.08	56	7949353m	5259.790	ug/l	
39) Methylcyclohexane	9.11	83	44296831m	33297.129	ug/l	
40) Benzene	7.60	78	2690750m	850.482	ug/l	
52) Toluene	10.75	92	2175183m	1004.293	ug/l	
67) Ethyl Benzene	12.63	91	54152423m	13971.180	ug/l	
68) m/p-Xylenes	12.80	106	30820170m	22151.504	ug/l	
69) o-Xylene	13.11	106	879552	670.001	ug/l	90
73) Isopropylbenzene	13.44	105	15632891	51464.647	ug/l	85
78) n-propylbenzene	13.80	91	13931933	39595.649	ug/l	90
80) 1,3,5-Trimethylbenzene	13.96	105	12233562	46513.614	ug/l	87
83) tert-Butylbenzene	14.21	119	132013m	452.501	ug/l	
84) 1,2,4-Trimethylbenzene	14.28	105	20270403	75214.752	ug/l	74
85) sec-Butylbenzene	14.38	105	1016307	3340.892	ug/l	99
86) p-Isopropyltoluene	14.49	119	341953m	1240.416	ug/l	
89) n-Butylbenzene	14.80	91	669873m	2517.839	ug/l	
95) Naphthalene	16.12	128	305230	2192.499	ug/l	100

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

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