

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
 Data File : BF114508.D
 Acq On : 23 May 2019 2:32
 Operator : JU/SJ
 Sample : K2978-06 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-SOIL

Manual Integrations
 APPROVED

mohammad
 5/24/2019 8:49:33 AM

Quant Time: May 23 04:47:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	202231	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	816623	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	368818	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	626036	20.00	ng	0.00
76) Chrysene-d12	14.00	240	409833	20.00	ng	0.00
87) Perylene-d12	15.47	264	414384	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	491722	39.13	ng	-0.01
7) Phenol-d6	6.47	99	661577	44.51	ng	-0.02
23) Nitrobenzene-d5	7.39	82	374632	25.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	127299	33.39	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	641944	26.33	ng	0.00
79) Terphenyl-d14	12.93	244	497607	25.03	ng	0.00
Target Compounds						
31) Naphthalene	8.13	128	76944	2.017	ng	99
49) Acenaphthylene	9.73	152	500478	13.723	ng	98
50) Dimethylphthalate	9.58	163	76201	2.814	ng	98
58) Fluorene	10.42	166	62501	2.466	ng	# 98
71) Phenanthrene	11.37	178	542378	17.808	ng	98
72) Anthracene	11.43	178	262515	8.581	ng	97
75) Fluoranthene	12.57	202	2245575	68.465	ng	98
78) Pyrene	12.81	202	2798618	84.886	ng	99
81) Benzo(a)anthracene	14.00	228	1695288m	63.954	ng	
83) Chrysene	14.03	228	1435579	55.246	ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	986945	42.976	ng	95
88) Benzo(b)fluoranthene	15.06	252	2165040m	81.552	ng	
89) Benzo(k)fluoranthene	15.07	252	768577m	31.516	ng	
90) Benzo(a)pyrene	15.42	252	1636812	70.056	ng	100
91) Dibenzo(a,h)anthracene	16.96	278	246320m	12.687	ng	
92) Benzo(g,h,i)perylene	17.41	276	1106414	56.866	ng	99

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

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