

Data Path : Z:\HPCHEM1\BNA M\DATA\BM113015\
 Data File : BM003322.D
 Acq On : 30 Nov 2015 16:32
 Operator : UM/IZ
 Sample : G4221-26
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-PAH-SOIL

Manual Integrations
 APPROVED

Mmdadoda
 12/1/2015 6:33:55 PM

Quant Time: Dec 01 03:05:52 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM112715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 27 16:36:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	71681	5.00	ng	-0.02
7) Naphthalene-d8	10.51	136	304035	5.00	ng	-0.02
13) Acenaphthene-d10	14.38	164	154148	5.00	ng	0.00
19) Phenanthrene-d10	17.12	188	322261	5.00	ng	0.00
26) Chrysene-d12	21.32	240	237160	5.00	ng	0.00
35) Perylene-d12	23.59	264	211782	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.30	112	111164	7.86	ng	-0.02
5) Phenol-d6	6.88	99	156198	9.63	ng	-0.02
8) Nitrobenzene-d5	8.88	82	65090	4.81	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	40722	11.28	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	203665	4.09	ng	-0.01
29) Terphenyl-d14	19.76	244	153837	4.65	ng	0.00
Target Compounds						Qvalue
10) Naphthalene	10.56	128	657153	10.00	ng	100
12) 2-Methylnaphthalene	12.18	142	284665	6.91	ng	99
16) Acenaphthylene	14.09	152	137803	2.44	ng	99
17) Acenaphthene	14.42	154	273161	6.27	ng	# 100
18) Fluorene	15.42	166	274050	6.23	ng	98
22) Pentachlorophenol	16.76	266	232	0.16	ng	# 82
23) Phenanthrene	17.15	178	520070	7.01	ng	99
24) Anthracene	17.25	178	775701	12.90	ng	100
25) Fluoranthene	19.18	202	453245	6.45	ng	100
28) Pyrene	19.56	202	325905	4.50	ng	98
30) Benzo(a)anthracene	21.30	228	276594m	4.60	ng	
32) Chrysene	21.36	228	323054m	4.81	ng	
33) Bis(2-ethylhexyl)phthalate	21.24	149	27102	1.42	ng	# 93
34) Indeno(1,2,3-cd)pyrene	25.86	276	525821	9.55	ng	# 78
36) Benzo(b)fluoranthene	22.90	252	506334	8.31	ng	96
37) Benzo(k)fluoranthene	22.95	252	257139	4.69	ng	98
38) Benzo(a)pyrene	23.48	252	331785	6.83	ng	98
39) Dibenzo(a,h)anthracene	25.88	278	488852	11.64	ng	98
40) Benzo(a,h,i)perylene	26.56	276	197909	3.93	ng	96

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

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