

Data Path : Z:\HPCHEM1\BNA M\DATA\BM113015\
 Data File : BM003323.D
 Acq On : 30 Nov 2015 17:48
 Operator : UM/IZ
 Sample : G4221-26DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-PAH-SOILDL

Manual Integrations
 APPROVED

Mmdadoda
 12/1/2015 6:33:56 PM

Quant Time: Dec 01 03:30:36 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	67885	5.00	ng	-0.02
7) Naphthalene-d8	10.51	136	292918	5.00	ng	-0.02
13) Acenaphthene-d10	14.37	164	173471	5.00	ng	0.00
19) Phenanthrene-d10	17.11	188	407961	5.00	ng	0.00
26) Chrysene-d12	21.33	240	248832	5.00	ng	0.01
35) Perylene-d12	23.59	264	189000	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	49258	3.68	ng	0.00
5) Phenol-d6	6.88	99	68903	4.49	ng	-0.02
8) Nitrobenzene-d5	8.88	82	28904	2.22	ng	-0.01
14) 2,4,6-Tribromophenol	15.86	330	18402	4.67	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	99305	1.77	ng	0.00
29) Terphenyl-d14	19.76	244	83377	2.40	ng	0.00
Target Compounds						Qvalue
10) Naphthalene	10.56	128	301763	4.77	ng	98
12) 2-Methylnaphthalene	12.18	142	134126	3.38	ng	95
16) Acenaphthylene	14.08	152	70074	1.10	ng	100
17) Acenaphthene	14.44	154	135985	2.77	ng	# 100
18) Fluorene	15.42	166	128315	2.59	ng	98
22) Pentachlorophenol	16.78	266	107	0.11	ng	# 76
23) Phenanthrene	17.17	178	274014	2.97	ng	97
24) Anthracene	17.24	178	428475	5.63	ng	97
25) Fluoranthene	19.19	202	259830	2.92	ng	100
28) Pyrene	19.55	202	187922	2.47	ng	98
30) Benzo(a)anthracene	21.31	228	121867m	1.93	ng	
32) Chrysene	21.35	228	174449m	2.48	ng	
33) Bis(2-ethylhexyl)phthalate	21.23	149	12263	0.66	ng	# 96
34) Indeno(1,2,3-cd)pyrene	25.86	276	209135	3.62	ng	# 79
36) Benzo(b)fluoranthene	22.90	252	210160	3.86	ng	98
37) Benzo(k)fluoranthene	22.94	252	131144	2.68	ng	97
38) Benzo(a)pyrene	23.48	252	140531	3.24	ng	99
39) Dibenzo(a,h)anthracene	25.87	278	193246	5.16	ng	97
40) Benzo(a,h,i)perylene	26.56	276	77360	1.72	ng	96

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

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