

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020516\
 Data File : BE091396.D
 Acq On : 5 Feb 2016 11:57
 Operator : UM/IZ
 Sample : G4825-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL2016-02

Manual Integrations
 APPROVED

Sohil
 2/8/2016 3:04:06 PM

Quant Time: Feb 05 18:11:05 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 00:27:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	48716	5.00	ng	0.00
4) Naphthalene-d8	9.55	136	226505	5.00	ng	0.00
8) Acenaphthene-d10	13.36	164	147422	5.00	ng	0.00
14) Phenanthrene-d10	16.09	188	385166	5.00	ng	0.00
18) Chrysene-d12	20.22	240	419728	5.00	ng	0.00
24) Perylene-d12	22.10	264	391997	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.91	112	76638	6.66	ng	-0.03
3) Phenol-d6	6.54	99	105066	6.45	ng	-0.03
5) Nitrobenzene-d5	8.17	82	45186	3.12	ng	0.00
9) 2,4,6-Tribromophenol	14.90	330	29412	4.24	ng	0.00
10) 2-Fluorobiphenyl	12.01	172	147359	3.84	ng	0.00
20) Terphenyl-d14	18.61	244	262383	4.23	ng	0.00
Target Compounds						Qvalue
6) Naphthalene	9.60	128	7215	0.14	ng	97
7) 2-Methylnaphthalene	11.17	142	4027	0.25	ng	98
11) Acenaphthylene	13.11	152	24946	0.27	ng	99
12) Acenaphthene	13.42	154	5374	0.13	ng	98
13) Fluorene	14.42	166	6549	0.13	ng	99
15) Phenanthrene	16.13	178	14138	0.14	ng	98
16) Anthracene	16.23	178	10395	0.12	ng	97
17) Fluoranthene	18.10	202	12077	0.23	ng	98
19) Pyrene	18.49	202	12355	0.14	ng	99
21) Benzo(a)anthracene	20.19	228	10552m	0.28	ng	
22) Chrysene	20.25	228	18303m	0.11	ng	
23) Indeno(1,2,3-cd)pyrene	23.72	276	10885m	0.27	ng	
25) Benzo(b)fluoranthene	21.55	252	10199	0.25	ng	99
26) Benzo(k)fluoranthene	21.58	252	13161m	0.15	ng	
27) Benzo(a)pyrene	22.01	252	8716	0.26	ng	93
28) Dibenzo(a,h)anthracene	23.68	278	8613	0.34	ng	# 93
29) Benzo(g,h,i)perylene	24.27	276	11151	0.25	ng	95

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

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