

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020416\
 Data File : BE091389.D
 Acq On : 4 Feb 2016 10:59
 Operator : UM/IZ
 Sample : G4825-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOD-SOIL2016-01

Manual Integrations
 APPROVED

mohammad
 2/5/2016 3:38:10 PM

Quant Time: Feb 05 12:36:08 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	52729	5.00	ng	0.00
4) Naphthalene-d8	9.55	136	241924	5.00	ng	0.00
8) Acenaphthene-d10	13.36	164	151851	5.00	ng	0.00
14) Phenanthrene-d10	16.09	188	402243	5.00	ng	0.00
18) Chrysene-d12	20.22	240	427442	5.00	ng	0.00
24) Perylene-d12	22.10	264	386976	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.91	112	84879	6.81	ng	-0.04
3) Phenol-d6	6.54	99	113624	6.45	ng	-0.03
5) Nitrobenzene-d5	8.17	82	46317	3.01	ng	0.00
9) 2,4,6-Tribromophenol	14.91	330	28248	3.98	ng	0.00
10) 2-Fluorobiphenyl	12.01	172	157979	4.00	ng	0.00
20) Terphenyl-d14	18.62	244	267875	4.24	ng	0.00
Target Compounds						
6) Naphthalene	9.60	128	4034	0.07	ng	Qvalue # 91
7) 2-Methylnaphthalene	11.18	142	2403	0.20	ng	98
11) Acenaphthylene	13.12	152	13672	0.23	ng	100
12) Acenaphthene	13.42	154	3025	0.07	ng	97
13) Fluorene	14.43	166	3620	0.07	ng	100
15) Phenanthrene	16.13	178	8119m	0.08	ng	
16) Anthracene	16.23	178	5318	0.06	ng	98
17) Fluoranthene	18.11	202	6336	0.17	ng	99
19) Pyrene	18.49	202	6513	0.07	ng	99
21) Benzo(a)anthracene	20.19	228	5629	0.23	ng	98
22) Chrysene	20.25	228	9342	0.02	ng	99
23) Indeno(1,2,3-cd)pyrene	23.73	276	4627m	0.21	ng	
25) Benzo(b)fluoranthene	21.56	252	5206	0.20	ng	# 93
26) Benzo(k)fluoranthene	21.58	252	6352	0.08	ng	# 91
27) Benzo(a)pyrene	22.01	252	3988	0.21	ng	# 82
28) Dibenzo(a,h)anthracene	23.68	278	3589	0.29	ng	# 82
29) Benzo(g,h,i)perylene	24.28	276	5260	0.20	ng	# 91

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

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