

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020416\
 Data File : BE091390.D
 Acq On : 4 Feb 2016 11:38
 Operator : UM/IZ
 Sample : G4825-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL2016-02

Manual Integrations
 APPROVED

mohammad
 2/5/2016 3:38:14 PM

Quant Time: Feb 05 12:38:24 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	50579	5.00	ng	0.00
4) Naphthalene-d8	9.55	136	232531	5.00	ng	0.00
8) Acenaphthene-d10	13.36	164	149369	5.00	ng	0.00
14) Phenanthrene-d10	16.09	188	388593	5.00	ng	0.00
18) Chrysene-d12	20.21	240	412824	5.00	ng	0.00
24) Perylene-d12	22.10	264	370303	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.91	112	78883	6.61	ng	-0.04
3) Phenol-d6	6.54	99	107144	6.34	ng	-0.03
5) Nitrobenzene-d5	8.17	82	43354	2.94	ng	0.00
9) 2,4,6-Tribromophenol	14.90	330	26460	3.80	ng	0.00
10) 2-Fluorobiphenyl	12.02	172	151952	3.91	ng	0.00
20) Terphenyl-d14	18.61	244	252738	4.14	ng	0.00
Target Compounds						Qvalue
6) Naphthalene	9.60	128	6067	0.12	ng	# 94
7) 2-Methylnaphthalene	11.17	142	3420	0.23	ng	98
11) Acenaphthylene	13.12	152	20081	0.25	ng	100
12) Acenaphthene	13.42	154	4543	0.11	ng	98
13) Fluorene	14.42	166	5455	0.10	ng	100
15) Phenanthrene	16.13	178	11760	0.12	ng	97
16) Anthracene	16.22	178	9624m	0.11	ng	
17) Fluoranthene	18.10	202	9445	0.20	ng	99
19) Pyrene	18.49	202	9510	0.11	ng	99
21) Benzo(a)anthracene	20.19	228	7823	0.25	ng	98
22) Chrysene	20.25	228	14154m	0.07	ng	
23) Indeno(1,2,3-cd)pyrene	23.73	276	7115m	0.24	ng	
25) Benzo(b)fluoranthene	21.55	252	7174	0.22	ng	# 95
26) Benzo(k)fluoranthene	21.58	252	8852	0.11	ng	# 96
27) Benzo(a)pyrene	22.01	252	6005	0.24	ng	# 90
28) Dibenzo(a,h)anthracene	23.68	278	4729m	0.30	ng	
29) Benzo(g,h,i)perylene	24.27	276	7985	0.23	ng	# 94

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

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