

Data Path : S:\HPCHEM1\BNA_E\DATA\BE050517\
 Data File : BE092929.D
 Acq On : 5 May 2017 14:15
 Operator : SJ/MA
 Sample : I2872-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PT-PAH-SOIL

Manual Integrations
 APPROVED

mohammad
 5/8/2017 2:46:55 PM

Quant Time: May 05 15:14:24 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 14:05:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	755	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3143	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1533	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3754	0.40	ng	0.00
26) Chrysene-d12	21.28	240	4328	0.40	ng	0.00
33) Perylene-d12	23.69	264	3814	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	484	0.29	ng	0.00
5) Phenol-d6	6.94	99	685	0.29	ng	0.00
8) Nitrobenzene-d5	8.90	82	520	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1473	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	53	0.22	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	1848	0.26	ng	0.00
24) Fluoranthene-d10	19.15	212	3035	0.35	ng	0.00
28) Terphenyl-d14	19.74	244	2068	0.27	ng	0.00

Target Compounds						Qvalue
9) Naphthalene	10.58	128	87035	10.36	ng	# 83
12) 2-Methylnaphthalene	12.19	142	27995	5.45	ng	94
16) Acenaphthylene	14.10	152	267222	11.03	ng	99
17) Acenaphthene	14.45	154	14975	3.09	ng	95
18) Fluorene	15.43	166	25713	4.30	ng	98
22) Phenanthrene	17.18	178	96900	9.17	ng	97
23) Anthracene	17.27	178	159582	19.83	ng	99
25) Fluoranthene	19.17	202	368741	8.08	ng	# 99
27) Pyrene	19.53	202	381872	6.84	ng	# 99
29) Benzo(a)anthracene	21.27	228	37917m	3.73	ng	
30) Chrysene	21.32	228	93133m	7.21	ng	
31) Bis(2-ethylhexyl)phthalate	21.20	149	3701m	1.33	ng	
32) Indeno(1,2,3-cd)pyrene	26.22	276	497026	10.66	ng	99
34) Benzo(b)fluoranthene	22.95	252	40469	3.24	ng	# 79
35) Benzo(k)fluoranthene	22.99	252	84190	6.75	ng	# 77
36) Benzo(a)pyrene	23.58	252	18810	1.84	ng	# 71
37) Dibenzo(a,h)anthracene	26.25	278	108928	9.48	ng	# 72
38) Benzo(g,h,i)perylene	27.00	276	321167	6.59	ng	# 76

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

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