

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110916\
 Data File : BE092521.D
 Acq On : 9 Nov 2016 12:30
 Operator : UM/SJ
 Sample : H5524-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PT-PAH-SOIL

Manual Integrations
 APPROVED

sohil
 11/9/2016 4:05:07 PM

Quant Time: Nov 09 13:11:41 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE110816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 16:27:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	7800	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	36416	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	24897	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	52755	5.00	ng	0.00
24) Chrysene-d12	21.72	240	86413	5.00	ng	0.00
31) Perylene-d12	24.08	264	79049	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	11782	6.85	ng	0.00
5) Phenol-d6	7.31	99	16167	7.05	ng	-0.02
8) Nitrobenzene-d5	9.34	82	7414	3.10	ng	0.00
13) 2,4,6-Tribromophenol	16.30	330	4365	4.99	ng	0.00
14) 2-Fluorobiphenyl	13.42	172	20197	3.28	ng	-0.01
26) Terphenyl-d14	20.16	244	34552	3.29	ng	-0.02
Target Compounds						
9) Naphthalene	10.97	128	82212	10.44	ng	Qvalue # 95
11) 2-Methylnaphthalene	12.61	142	11826	2.31	ng	94
15) Acenaphthylene	14.51	152	63366	1.77	ng	100
16) Acenaphthene	14.87	154	68070	11.80	ng	94
17) Fluorene	15.84	166	44928	6.20	ng	99
21) Phenanthrene	17.58	178	93232	8.18	ng	# 93
22) Anthracene	17.67	178	101073	9.14	ng	98
23) Fluoranthene	19.58	202	725965	12.68	ng	98
25) Pyrene	19.95	202	354110	5.00	ng	97
27) Benzo(a)anthracene	21.70	228	249849m	2.85	ng	
28) Chrysene	21.75	228	106590m	1.41	ng	
29) Bis(2-ethylhexyl)phthalate	21.61	149	1170	0.16	ng	# 73
30) Indeno(1,2,3-cd)pyrene	26.55	276	261455	2.74	ng	99
32) Benzo(b)fluoranthene	23.35	252	120631m	6.01	ng	
33) Benzo(k)fluoranthene	23.39	252	22969m	0.92	ng	
34) Benzo(a)pyrene	23.97	252	128602	6.30	ng	# 95
35) Dibenzo(a,h)anthracene	26.58	278	50782	2.64	ng	95
36) Benzo(g,h,i)perylene	27.31	276	241324	3.05	ng	99

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

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