

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051518\
 Data File : BE096579.D
 Acq On : 15 May 2018 15:35
 Operator : SJ/JU
 Sample : J2604-14DL 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PT-PAH-SOILDL

Manual Integrations
 APPROVED

Sohil
 5/16/2018 6:42:26 PM

Quant Time: May 16 05:50:24 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 15 13:02:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	714	0.40	ng	0.00
7) Naphthalene-d8	11.17	136	2825	0.40	ng	-0.01
13) Acenaphthene-d10	14.92	164	1703	0.40	ng	0.00
19) Phenanthrene-d10	17.64	188	3764	0.40	ng	0.00
27) Chrysene-d12	21.73	240	3790	0.40	ng	0.00
34) Perylene-d12	24.33	264	3574	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.85	112	52	0.03	ng	0.00
5) Phenol-d6	7.51	99	87	0.03	ng	0.00
8) Nitrobenzene-d5	9.54	82	108	0.04	ng	0.01
11) 2-Methylnaphthalene-d10	12.71	152	170	0.04	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	30	0.04	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	239	0.03	ng	0.00
25) Fluoranthene-d10	19.62	212	1772	0.04	ng	0.00
29) Terphenyl-d14	20.18	244	347	0.04	ng	0.00

Target Compounds

						Qvalue
9) Naphthalene	11.22	128	61008	2.053	ng	99
12) 2-Methylnaphthalene	12.78	142	4576	0.898	ng	94
16) Acenaphthylene	14.65	152	7809	0.878	ng	99
17) Acenaphthene	14.98	154	8578	1.584	ng	95
18) Fluorene	15.96	166	1494	0.222	ng	# 79
23) Phenanthrene	17.67	178	16886	1.598	ng	99
24) Anthracene	17.77	178	13746	1.398	ng	# 94
26) Fluoranthene	19.65	202	4833	0.382	ng	# 96
28) Pyrene	20.00	202	4698	0.687	ng	97
30) Benzo(a)anthracene	21.72	228	10928	0.938	ng	96
31) Chrysene	21.77	228	8323	0.686	ng	98
32) Bis(2-ethylhexyl)phthalate	21.58	149	3843	0.154	ng	# 99
33) Indeno(1,2,3-cd)pyrene	27.10	276	4992	0.429	ng	# 94
35) Benzo(b)fluoranthene	23.52	252	8070	0.732	ng	# 89
36) Benzo(k)fluoranthene	23.58	252	4203m	0.360	ng	
37) Benzo(a)pyrene	24.21	252	9461	0.898	ng	# 91
38) Dibenzo(a,h)anthracene	27.11	278	4737	0.492	ng	97
39) Benzo(a,h,i)perylene	27.96	276	8159	0.809	ng	# 89

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

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