

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120519\
 Data File : BN008849.D
 Acq On : 05 Dec 2019 15:20
 Operator : JU
 Sample : K5609-13DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-PAH-SOILDL

Manual Integrations
 APPROVED

mohammad
 12/6/2019 3:02:15 PM

Quant Time: Dec 06 10:19:51 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120419.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Dec 04 15:42:09 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	3713	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	15960	0.40	ng	-0.01
13) Acenaphthene-d10	14.19	164	11190	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	25872	0.40	ng	-0.01
27) Chrysene-d12	21.14	240	27220	0.40	ng	-0.01
34) Perylene-d12	23.30	264	29997	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.20	112	817	0.08	ng	0.00
5) Phenol-d6	6.75	99	1222	0.09	ng	0.00
8) Nitrobenzene-d5	8.69	82	881	0.06	ng	-0.01
11) 2-Methylnaphthalene-d10	11.92	152	1620	0.06	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	449	0.07	ng	-0.01
15) 2-Fluorobiphenyl	12.81	172	2890	0.07	ng	0.00
25) Fluoranthene-d10	18.97	212	5004	0.06	ng	0.00
29) Terphenyl-d14	19.59	244	4518	0.07	ng	0.00

Target Compounds

						Qvalue
9) Naphthalene	10.37	128	127030	2.985	ng	99
12) 2-Methylnaphthalene	11.99	142	11679	0.372	ng	100
16) Acenaphthylene	13.90	152	114641	2.196	ng	100
17) Acenaphthene	14.25	154	54857	1.657	ng	99
18) Fluorene	15.25	166	53457	1.217	ng	99
23) Phenanthrene	16.97	178	279818	3.543	ng	100
24) Anthracene	17.07	178	231579	3.194	ng	100
26) Fluoranthene	19.01	202	177946	1.871	ng	99
28) Pyrene	19.37	202	103668	1.092	ng	100
30) Benzo(a)anthracene	21.13	228	28501	0.290	ng	100
31) Chrysene	21.19	228	38808	0.406	ng	100
32) Bis(2-ethylhexyl)phthalate	21.09	149	3529	0.054	ng	98
33) Indeno(1,2,3-cd)pyrene	25.42	276	203900	1.729	ng	99
35) Benzo(b)fluoranthene	22.66	252	88509m	0.888	ng	
36) Benzo(k)fluoranthene	22.71	252	142457	1.455	ng	# 93
37) Benzo(a)pyrene	23.21	252	82422	0.877	ng	# 93
38) Dibenzo(a,h)anthracene	25.43	278	188835	1.968	ng	95
39) Benzo(a,h,i)perylene	26.06	276	55875	0.575	ng	99

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

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