

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
 Data File : BN007860.D
 Acq On : 25 Sep 2019 18:53
 Operator : JU
 Sample : K4994-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-B231-091919-1

Manual Integrations
 APPROVED

mohammad
 9/27/2019 8:27:53 AM

Quant Time: Sep 26 09:07:32 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Sep 18 18:24:40 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	9870	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	38067	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	22910	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	48563	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	43507	0.40	ng	-0.02
34) Perylene-d12	23.47	264	42834	0.40	ng	-0.02

System Monitoring Compounds

4) 2-Fluorophenol	5.31	112	6224	0.18	ng	0.00
5) Phenol-d6	6.86	99	8551	0.20	ng	0.00
8) Nitrobenzene-d5	8.83	82	7288	0.22	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	16110	0.25	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	1665	0.13	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	22078	0.23	ng	-0.01
25) Fluoranthene-d10	19.09	212	35704m	0.22	ng	-0.01
29) Terphenyl-d14	19.70	244	28637	0.27	ng	-0.01

Target Compounds

						Qvalue
9) Naphthalene	10.51	128	10883	0.102	ng	98
12) 2-Methylnaphthalene	12.13	142	8905	0.123	ng	99
16) Acenaphthylene	14.04	152	40110	0.330	ng	# 97
17) Acenaphthene	14.37	154	10692	0.136	ng	89
18) Fluorene	15.36	166	20185	0.201	ng	# 85
23) Phenanthrene	17.10	178	816762	5.399	ng	100
24) Anthracene	17.19	178	72047	0.527	ng	97
26) Fluoranthene	19.12	202	960624	5.107	ng	99
28) Pyrene	19.49	202	1542242	10.394	ng	# 96
30) Benzo(a)anthracene	21.24	228	597734	3.731	ng	97
31) Chrysene	21.29	228	705903	4.521	ng	98
32) Bis(2-ethylhexyl)phthalate	21.19	149	48918	0.594	ng	# 94
33) Indeno(1,2,3-cd)pyrene	25.67	276	247436	1.266	ng	97
35) Benzo(b)fluoranthene	22.81	252	541424	3.641	ng	99
36) Benzo(k)fluoranthene	22.85	252	165731m	1.127	ng	
37) Benzo(a)pyrene	23.37	252	427448	3.059	ng	97
38) Dibenzo(a,h)anthracene	25.69	278	77462	0.542	ng	94
39) Benzo(a,h,i)perylene	26.35	276	309407	2.187	ng	99

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

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