Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN093019\
Data File : BN007902.D
Acq On : 30 Sep 2019 18:25
Operator : JU
Sample : K5078-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-024-SW133-092519

Manual Integrations APPROVED
mohammad
10/2/2019 8:21:36 AM

Quant Time: Oct 01 07:33:05 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	7119	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	27445	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	15400	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	28987	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	31365	0.40	ng		-0.01
34) Perylene-d12	23.48	264	37685	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.30	112	3994	0.16	ng		-0.02
5) Phenol-d6	6.86	99	5656	0.18	ng		0.00
8) Nitrobenzene-d5	8.82	82	5076	0.21	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	9608	0.21	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	1292	0.15	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	13004	0.21	ng		-0.01
25) Fluoranthene-d10	19.10	212	20069	0.21	ng		0.00
29) Terphenyl-d14	19.70	244	16477	0.21	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.51	128	7206	0.094	ng	#	96
12) 2-Methylnaphthalene	12.12	142	6347	0.122	ng		97
16) Acenaphthylene	14.03	152	111297	1.363	ng		100
17) Acenaphthene	14.38	154	4715	0.090	ng		91
18) Fluorene	15.37	166	20070	0.297	ng	#	74
23) Phenanthrene	17.10	178	262276	2.905	ng		100
24) Anthracene	17.19	178	64244	0.788	ng		99
26) Fluoranthene	19.13	202	291359	2.595	ng		98
28) Pyrene	19.49	202	457055	4.273	ng		97
30) Benzo(a)anthracene	21.25	228	179436m	1.554	ng		
31) Chrysene	21.29	228	262986	2.336	ng		97
32) Bis(2-ethylhexyl)phthalate	21.20	149	8494	0.143	ng		100
33) Indeno(1,2,3-cd)pyrene	25.69	276	124240	0.882	ng		97
35) Benzo(b)fluoranthene	22.82	252	220298m	1.684	ng		
36) Benzo(k)fluoranthene	22.86	252	79197m	0.612	ng		
37) Benzo(a)pyrene	23.38	252	185189	1.506	ng		99
38) Dibenzo(a,h)anthracene	25.69	278	35474	0.282	ng	#	86
39) Benzo(g,h,i)perylene	26.36	276	150636	1.210	ng		100

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

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