Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082319\
Data File : BN007352.D
Acq On : 24 Aug 2019 06:26
Operator : HP/JU
Sample : K4282-12 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-016-SW060-080819DL

Manual Integrations APPROVED
mohammad
8/29/2019 7:59:58 AM

Quant Time: Aug 24 22:56:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5390	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	22428	0.40	ng		0.00
13) Acenaphthene-d10	14.05	164	12455	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	27162	0.40	ng		0.00
27) Chrysene-d12	21.02	240	27280	0.40	ng		0.00
34) Perylene-d12	23.12	264	31755	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	452	-0.00	ng		0.00
5) Phenol-d6	6.60	99	560	-0.01	ng		0.00
8) Nitrobenzene-d5	8.54	82	427	0.02	ng		0.01
11) 2-Methylnaphthalene-d10	11.76	152	811	0.02	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	146	0.02	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	921	0.02	ng		0.00
25) Fluoranthene-d10	18.84	212	1574	0.02	ng		0.00
29) Terphenyl-d14	19.47	244	1232	0.02	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.20	128	2731	0.043	ng	#	93
12) 2-Methylnaphthalene	11.84	142	2461	0.056	ng		96
16) Acenaphthylene	13.76	152	15085	0.205	ng		98
17) Acenaphthene	14.11	154	2852	0.066	ng		95
18) Fluorene	15.10	166	6355	0.117	ng	#	88
23) Phenanthrene	16.84	178	201932	2.472	ng		99
24) Anthracene	16.93	178	21816	0.265	ng		97
26) Fluoranthene	18.87	202	207705	1.980	ng		98
28) Pyrene	19.24	202	371789	3.388	ng		97
30) Benzo(a)anthracene	21.00	228	149518	1.396	ng		93
31) Chrysene	21.05	228	161747	1.564	ng		97
32) Bis(2-ethylhexyl)phthalate	20.97	149	8391	0.102	ng		94
33) Indeno(1,2,3-cd)pyrene	25.18	276	62324	0.500	ng		98
35) Benzo(b)fluoranthene	22.51	252	125652m	1.092	ng		
36) Benzo(k)fluoranthene	22.54	252	32728m	0.288	ng		
37) Benzo(a)pyrene	23.03	252	108937m	0.995	ng		
38) Dibenzo(a,h)anthracene	25.19	278	19978	0.183	ng	#	88
39) Benzo(g,h,i)perylene	25.81	276	77519	0.712	ng		97

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

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