Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100319\
Data File : BN007990.D
Acq On : 03 Oct 2019 20:59
Operator : JU
Sample : K5077-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-024-B280-092519

Manual Integrations APPROVED
mohammad
10/7/2019 8:27:19 AM

Quant Time: Oct 04 08:40:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	4989	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	20732	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	13230	0.40	ng		-0.02
19) Phenanthrene-d10	17.06	188	28538	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	29981	0.40	ng		-0.02
34) Perylene-d12	23.46	264	32939	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.30	112	5588	0.33	ng		-0.02
5) Phenol-d6	6.86	99	7922	0.37	ng		0.00
8) Nitrobenzene-d5	8.82	82	5890	0.32	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	12410	0.36	ng		-0.02
14) 2,4,6-Tribromophenol	15.80	330	2475	0.34	ng		-0.02
15) 2-Fluorobiphenyl	12.93	172	16973	0.31	ng		-0.02
25) Fluoranthene-d10	19.09	212	34501	0.36	ng		-0.02
29) Terphenyl-d14	19.69	244	26783	0.36	ng		-0.02
Target Compounds							Qvalue
9) Naphthalene	10.49	128	5899	0.101	ng	#	94
12) 2-Methylnaphthalene	12.12	142	7514	0.191	ng		99
16) Acenaphthylene	14.02	152	46506	0.663	ng		99
17) Acenaphthene	14.36	154	3206	0.071	ng		89
18) Fluorene	15.36	166	12869	0.222	ng	#	84
23) Phenanthrene	17.10	178	193408	2.176	ng		100
24) Anthracene	17.18	178	29110	0.363	ng		100
26) Fluoranthene	19.12	202	254534	2.303	ng		99
28) Pyrene	19.48	202	320726	3.137	ng		97
30) Benzo(a)anthracene	21.23	228	129834	1.176	ng		95
31) Chrysene	21.28	228	180993	1.682	ng		98
32) Bis(2-ethylhexyl)phthalate	21.18	149	21390	0.377	ng		98
33) Indeno(1,2,3-cd)pyrene	25.67	276	98742	0.733	ng	#	95
35) Benzo(b)fluoranthene	22.81	252	195277	1.708	ng		98
36) Benzo(k)fluoranthene	22.84	252	54056m	0.478	ng		
37) Benzo(a)pyrene	23.37	252	131259	1.221	ng		99
38) Dibenzo(a,h)anthracene	25.67	278	25766	0.234	ng	#	83
39) Benzo(g,h,i)perylene	26.34	276	107103	0.984	ng		100

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

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