Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100319\
Data File : BN007986.D
Acq On : 03 Oct 2019 18:36
Operator : JU
Sample : K5077-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-024-B274-092519

Manual Integrations APPROVED
mohammad
10/7/2019 8:27:12 AM

Quant Time: Oct 04 14:07:11 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	4586	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	19263	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	12704	0.40	ng		-0.02
19) Phenanthrene-d10	17.06	188	28931	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	31919	0.40	ng		-0.02
34) Perylene-d12	23.46	264	34948	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.30	112	3697	0.23	ng		-0.02
5) Phenol-d6	6.86	99	5171	0.26	ng		0.00
8) Nitrobenzene-d5	8.82	82	4467	0.27	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	9458	0.29	ng		-0.02
14) 2,4,6-Tribromophenol	15.80	330	1943	0.28	ng		-0.02
15) 2-Fluorobiphenyl	12.93	172	13126	0.25	ng		-0.02
25) Fluoranthene-d10	19.09	212	28000	0.29	ng		-0.02
29) Terphenyl-d14	19.70	244	23499	0.30	ng		-0.02
Target Compounds							Qvalue
9) Naphthalene	10.49	128	3901	0.072	ng	#	90
12) 2-Methylnaphthalene	12.12	142	2704	0.074	ng	#	95
16) Acenaphthylene	14.02	152	56402	0.837	ng		100
17) Acenaphthene	14.37	154	2064	0.048	ng		93
18) Fluorene	15.36	166	7604	0.137	ng	#	12
22) Pentachlorophenol	16.72	266	353	0.050	ng		89
23) Phenanthrene	17.09	178	150791	1.673	ng		100
24) Anthracene	17.18	178	34099	0.419	ng		98
26) Fluoranthene	19.12	202	420433	3.752	ng		99
28) Pyrene	19.48	202	437356	4.018	ng		97
30) Benzo(a)anthracene	21.23	228	180873	1.539	ng		94
31) Chrysene	21.28	228	258622	2.258	ng		97
32) Bis(2-ethylhexyl)phthalate	21.18	149	23820	0.394	ng		100
33) Indeno(1,2,3-cd)pyrene	25.67	276	183342	1.278	ng	#	95
35) Benzo(b)fluoranthene	22.81	252	347295	2.862	ng		98
36) Benzo(k)fluoranthene	22.84	252	96570m	0.805	ng		
37) Benzo(a)pyrene	23.37	252	219099	1.922	ng		100
38) Dibenzo(a,h)anthracene	25.67	278	40407	0.346	ng	#	88
39) Benzo(g,h,i)perylene	26.34	276	196489	1.702	ng		99

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

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