Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
Data File : BN008019.D
Acq On : 05 Oct 2019 00:33
Operator : JU
Sample : K5078-20RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-024-SW135-092519RE

Manual Integrations APPROVED
mohammad
10/7/2019 8:45:54 AM

Quant Time: Oct 05 04:25:44 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	24787	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	97437	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	53118	0.40	ng		-0.02
19) Phenanthrene-d10	17.07	188	100208	0.40	ng		0.00
27) Chrysene-d12	21.26	240	121898	0.40	ng		0.00
34) Perylene-d12	23.48	264	151157	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	19418	0.23	ng		0.00
5) Phenol-d6	6.89	99	25994	0.24	ng		0.02
8) Nitrobenzene-d5	8.82	82	21953	0.26	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	42358	0.26	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	7447	0.26	ng		0.00
15) 2-Fluorobiphenyl	12.93	172	56176	0.26	ng		-0.02
25) Fluoranthene-d10	19.10	212	89183	0.26	ng		0.00
29) Terphenyl-d14	19.70	244	77566	0.26	ng		-0.01
Target Compounds							Qvalue
9) Naphthalene	10.51	128	50174	0.183	ng		99
12) 2-Methylnaphthalene	12.12	142	30931	0.167	ng		98
16) Acenaphthylene	14.03	152	256390	0.910	ng		100
17) Acenaphthene	14.38	154	136590	0.752	ng		97
18) Fluorene	15.37	166	196535	0.844	ng		97
22) Pentachlorophenol	16.73	266	555	0.023	ng	#	85
23) Phenanthrene	17.11	178	3686463	11.809	ng		99
24) Anthracene	17.19	178	391971	1.390	ng	#	92
26) Fluoranthene	19.13	202	5775158	14.878	ng		98
28) Pyrene	19.50	202	5054137	12.157	ng	#	94
30) Benzo(a)anthracene	21.24	228	2339322	5.211	ng		98
31) Chrysene	21.29	228	2881050	6.585	ng		98
32) Bis(2-ethylhexyl)phthalate	21.18	149	94900m	0.411	ng		
33) Indeno(1,2,3-cd)pyrene	25.71	276	2016669	3.682	ng	#	94
35) Benzo(b)fluoranthene	22.82	252	3844060	7.325	ng		98
36) Benzo(k)fluoranthene	22.86	252	1335375m	2.573	ng		
37) Benzo(a)pyrene	23.39	252	2530725m	5.132	ng		
38) Dibenzo(a,h)anthracene	25.71	278	463219	0.918	ng		97
39) Benzo(g,h,i)perylene	26.39	276	1958061	3.922	ng		98

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

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