Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100719\
Data File : BN008053.D
Acq On : 07 Oct 2019 17:03
Operator : JU
Sample : K5078-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-024-SW128-092519

Manual Integrations APPROVED
mohammad
10/8/2019 12:23:17 PM

Quant Time: Oct 08 11:57:57 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	7.67	152	2769	0.40	ng	-0.03
7) Naphthalene-d8	10.44	136	11490	0.40	ng	-0.03
13) Acenaphthene-d10	14.30	164	7299	0.40	ng	-0.03
19) Phenanthrene-d10	17.05	188	16707	0.40	ng	-0.03
27) Chrysene-d12	21.24	240	23135	0.40	ng	-0.03
34) Perylene-d12	23.45	264	23313	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	1797	0.19	ng	-0.02
5) Phenol-d6	6.86	99	2407	0.20	ng	0.00
8) Nitrobenzene-d5	8.81	82	2099	0.21	ng	-0.03
11) 2-Methylnaphthalene-d10	12.03	152	4393	0.23	ng	-0.03
14) 2,4,6-Tribromophenol	15.79	330	819	0.21	ng	-0.03
15) 2-Fluorobiphenyl	12.92	172	5957	0.20	ng	-0.03
25) Fluoranthene-d10	19.08	212	12514	0.22	ng	-0.03
29) Terphenyl-d14	19.69	244	12269	0.22	ng	-0.03
Target Compounds						Qvalue
9) Naphthalene	10.48	128	1186	0.037	ng	# 72
12) 2-Methylnaphthalene	12.11	142	604	0.028	ng	# 80
16) Acenaphthylene	14.02	152	10373	0.268	ng	99
17) Acenaphthene	14.36	154	637	0.026	ng	# 90
18) Fluorene	15.36	166	1714	0.054	ng	# 75
23) Phenanthrene	17.09	178	26404	0.507	ng	99
24) Anthracene	17.17	178	6096	0.130	ng	98
26) Fluoranthene	19.11	202	57141	0.883	ng	99
28) Pyrene	19.47	202	65883	0.835	ng	97
30) Benzo(a)anthracene	21.23	228	32755	0.384	ng	# 85
31) Chrysene	21.28	228	40286	0.485	ng	# 96
32) Bis(2-ethylhexyl)phthalate	21.17	149	42957	0.980	ng	100
33) Indeno(1,2,3-cd)pyrene	25.66	276	26703	0.257	ng	96
35) Benzo(b)fluoranthene	22.80	252	49253	0.609	ng	# 81
36) Benzo(k)fluoranthene	22.83	252	20467m	0.256	ng	
37) Benzo(a)pyrene	23.36	252	34120	0.449	ng	# 80
38) Dibenzo(a,h)anthracene	25.66	278	6874	0.088	ng	# 37
39) Benzo(g,h,i)perylene	26.33	276	28980	0.376	ng	# 91

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

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