Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081619\
Data File : BN007225.D
Acq On : 16 Aug 2019 16:25
Operator : HP/JU
Sample : K4282-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Manual Integrations APPROVED

Quant Time: Aug 17 01:44:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	7477	0.40	ng		-0.02
6) Naphthalene-d8	10.17	136	28427	0.40	ng		-0.01
12) Acenaphthene-d10	14.07	164	17194	0.40	ng		-0.01
18) Phenanthrene-d10	16.81	188	39192	0.40	ng		-0.01
26) Chrysene-d12	21.03	240	39891	0.40	ng		-0.02
32) Perylene-d12	23.15	264	43628	0.40	ng		-0.02
System Monitoring Compounds							
3) 2-Fluorophenol	5.05	112	4488	0.25	ng		0.00
4) Phenol-d6	6.61	99	6168	0.28	ng		0.00
7) Nitrobenzene-d5	8.55	82	7049	0.31	ng		-0.01
10) 2-Methylnaphthalene-d10	11.78	152	12013	0.23	ng		-0.02
13) 2,4,6-Tribromophenol	15.56	330	1779	0.19	ng		-0.01
14) 2-Fluorobiphenyl	12.71	172	700	0.03	ng		0.00
24) Fluoranthene-d10	18.86	212	30287	0.22	ng		-0.01
28) Terphenyl-d14	19.48	244	22762	0.21	ng		-0.02
Target Compounds							Qvalue
8) Naphthalene	10.23	128	19280	0.242	ng		99
11) 2-Methylnaphthalene	11.85	142	16265	0.288	ng		97
15) Acenaphthylene	13.78	152	89603	0.997	ng		98
16) Acenaphthene	14.13	154	6981	0.121	ng	#	88
17) Fluorene	15.12	166	20059	0.233	ng	#	74
22) Phenanthrene	16.86	178	462368	3.937	ng		99
23) Anthracene	16.95	178	72948	0.680	ng		98
25) Fluoranthene	18.89	202	603867	4.019	ng		98
27) Pyrene	19.25	202	790728	5.652	ng		98
29) Benzo(a)anthracene	21.02	228	340360	2.333	ng	#	84
30) Chrysene	21.08	228	529372	3.735	ng	#	95
31) Indeno(1,2,3-cd)pyrene	25.22	276	212726	1.362	ng		99
33) Benzo(b)fluoranthene	22.53	252	466944	3.121	ng		99
34) Benzo(k)fluoranthene	22.57	252	118023m	0.799	ng		
35) Benzo(a)pyrene	23.06	252	319866	2.358	ng		99
36) Dibenzo(a,h)anthracene	25.24	278	69031	0.510	ng	#	75
37) Benzo(g,h,i)perylene	25.85	276	241050	1.732	ng	#	70

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

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