Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081619\
Data File : BN007239.D
Acq On : 17 Aug 2019 02:04
Operator : HP/JU
Sample : K4282-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Manual Integrations APPROVED

Quant Time: Aug 19 04:11:17 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	7.43	152	7393	0.40	ng		0.00
6) Naphthalene-d8	10.17	136	28718	0.40	ng		-0.01
12) Acenaphthene-d10	14.07	164	17387	0.40	ng		-0.01
18) Phenanthrene-d10	16.81	188	35861	0.40	ng		-0.01
26) Chrysene-d12	21.03	240	36491	0.40	ng		-0.02
32) Perylene-d12	23.15	264	44236	0.40	ng		-0.02
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	5672	0.32	ng		0.00
4) Phenol-d6	6.61	99	7531	0.34	ng		0.00
7) Nitrobenzene-d5	8.55	82	6220	0.27	ng		-0.01
10) 2-Methylnaphthalene-d10	11.78	152	10849	0.20	ng		-0.01
13) 2,4,6-Tribromophenol	15.56	330	2112	0.23	ng		-0.01
14) 2-Fluorobiphenyl	12.71	172	748	0.03	ng		0.00
24) Fluoranthene-d10	18.86	212	19425	0.15	ng		-0.01
28) Terphenyl-d14	19.48	244	15800	0.16	ng		-0.02
Target Compounds							Qvalue
8) Naphthalene	10.23	128	34003	0.422	ng		99
11) 2-Methylnaphthalene	11.85	142	33559	0.588	ng		97
15) Acenaphthylene	13.78	152	193616	2.130	ng		98
16) Acenaphthene	14.13	154	38133	0.655	ng		94
17) Fluorene	15.12	166	88953	1.021	ng	#	85
22) Phenanthrene	16.86	178	2562017	23.839	ng		99
23) Anthracene	16.95	178	317595	3.234	ng		98
25) Fluoranthene	18.89	202	2454750	17.856	ng		98
27) Pyrene	19.26	202	4281431	33.456	ng	#	95
29) Benzo(a)anthracene	21.02	228	1876766	14.064	ng		91
30) Chrysene	21.07	228	1964219	15.150	ng		97
31) Indeno(1,2,3-cd)pyrene	25.23	276	779047	5.452	ng		98
33) Benzo(b)fluoranthene	22.53	252	1691854m	11.153	ng		
34) Benzo(k)fluoranthene	22.56	252	473593m	3.161	ng		
35) Benzo(a)pyrene	23.06	252	1388148	10.094	ng		99
36) Dibenzo(a,h)anthracene	25.23	278	252821	1.843	ng	#	91
37) Benzo(g,h,i)perylene	25.86	276	977081	6.923	ng		100

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

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