Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070819\
Data File : BN006754.D
Acq On : 08 Jul 2019 12:37
Operator : HP/JU
Sample : PB121176BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB121176BSD

Manual Integrations APPROVED
mohammad
7/9/2019 8:47:23 AM

Quant Time: Jul 09 04:55:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 05:30:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2551	0.40	ng	-0.02
7) Naphthalene-d8	10.36	136	9989	0.40	ng	-0.03
13) Acenaphthene-d10	14.24	164	5567	0.40	ng	-0.02
19) Phenanthrene-d10	17.01	188	12205	0.40	ng	-0.01
27) Chrysene-d12	21.24	240	13154	0.40	ng	-0.02
34) Perylene-d12	23.48	264	14398	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	2011	0.29	ng	0.00
5) Phenol-d6	6.83	99	2592	0.30	ng	0.00
8) Nitrobenzene-d5	8.79	82	2074	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	11.98	152	7221	0.48	ng	-0.01
14) 2,4,6-Tribromophenol	15.78	330	715	0.26	ng	-0.01
15) 2-Fluorobiphenyl	12.86	172	7552	0.35	ng	-0.02
25) Fluoranthene-d10	19.06	212	11650	0.33	ng	-0.02
29) Terphenyl-d14	19.66	244	8380	0.28	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	1491	0.374	ng	# 17
3) n-Nitrosodimethylamine	3.47	42	916	0.305	ng	# 83
6) bis(2-Chloroethyl)ether	7.05	93	1974	0.266	ng	97
9) Naphthalene	10.41	128	9275	0.339	ng	98
10) Hexachlorobutadiene	10.69	225	1869	0.338	ng	# 100
12) 2-Methylnaphthalene	12.06	142	5995	0.301	ng	97
16) Acenaphthylene	13.96	152	8983	0.324	ng	100
17) Acenaphthene	14.31	154	5967	0.337	ng	98
18) Fluorene	15.31	166	7320	0.333	ng	99
20) 4-Bromophenyl-phenylether	16.21	248	2199	0.306	ng	99
21) Hexachlorobenzene	16.32	284	3059	0.358	ng	98
22) Pentachlorophenol	16.74	266	254	0.331	ng	95
23) Phenanthrene	17.06	178	11512	0.327	ng	100
24) Anthracene	17.15	178	9505	0.299	ng	99
26) Fluoranthene	19.09	202	14206	0.344	ng	100
28) Pyrene	19.46	202	14939	0.284	ng	100
30) Benzo(a)anthracene	21.23	228	13102	0.289	ng	100
31) Chrysene	21.28	228	14052	0.300	ng	99
32) Bis(2-ethylhexyl)phthalate	21.14	149	5631	0.042	ng	98
33) Indeno(1,2,3-cd)pyrene	25.70	276	19493	0.349	ng	98
35) Benzo(b)fluoranthene	22.81	252	15224m	0.329	ng	
36) Benzo(k)fluoranthene	22.85	252	17563	0.350	ng	98
37) Benzo(a)pyrene	23.38	252	15300	0.342	ng	96
38) Dibenzo(a,h)anthracene	25.71	278	15654	0.352	ng	97
39) Benzo(g,h,i)perylene	26.39	276	17107	0.374	ng	96

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

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