Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101718\
Data File : BN003182.D
Acq On : 17 Oct 2018 16:32
Operator : MJ/SJ
Sample : PB113776BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB113776BS

Manual Integrations APPROVED
Sohil
10/18/2018 4:40:52 PM

Quant Time: Oct 18 15:54:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 15:26:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	664	0.40	ng		0.03
7) Naphthalene-d8	10.48	136	2956	0.40	ng		0.05
13) Acenaphthene-d10	14.30	164	2021	0.40	ng		0.02
19) Phenanthrene-d10	17.07	188	5591	0.40	ng		0.02
27) Chrysene-d12	21.26	240	7655	0.40	ng		0.01
34) Perylene-d12	23.48	264	8525	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	427m	0.29	ng		0.06
5) Phenol-d6	7.05	99	476m	0.23	ng		0.11
8) Nitrobenzene-d5	8.98	82	389m	0.20	ng		0.12
11) 2-Methylnaphthalene-d10	12.12	152	1524	0.30	ng		0.08
14) 2,4,6-Tribromophenol	15.87	330	278	0.22	ng		0.04
15) 2-Fluorobiphenyl	12.97	172	1737	0.22	ng		0.04
25) Fluoranthene-d10	19.10	212	4097	0.24	ng		0.02
29) Terphenyl-d14	19.70	244	3069	0.19	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	428	0.450	ng	#	50
3) n-Nitrosodimethylamine	3.59	42	70	0.281	ng	#	1
6) bis(2-Chloroethyl)ether	7.19	93	553	0.315	ng	#	31
9) Naphthalene	10.54	128	1758	0.239	ng	#	74
10) Hexachlorobutadiene	10.73	225	313	0.217	ng	#	97
12) 2-Methylnaphthalene	12.19	142	1147	0.228	ng		92
16) Acenaphthylene	14.04	152	2064	0.225	ng		99
17) Acenaphthene	14.37	154	1400	0.229	ng		98
18) Fluorene	15.38	166	1889	0.237	ng		100
20) 4-Bromophenyl-phenylether	16.26	248	659m	0.211	ng		
21) Hexachlorobenzene	16.38	284	728m	0.211	ng		
22) Pentachlorophenol	16.80	266	136	0.256	ng		86
23) Phenanthrene	17.11	178	3333	0.228	ng		99
24) Anthracene	17.23	178	3017	0.225	ng		99
26) Fluoranthene	19.13	202	4729	0.252	ng		99
28) Pyrene	19.49	202	4856	0.227	ng		99
30) Benzo(a)anthracene	21.25	228	4410	0.214	ng		98
31) Chrysene	21.29	228	6051	0.257	ng		98
32) Bis(2-ethylhexyl)phthalate	21.13	149	2654	0.218	ng	#	98
33) Indeno(1,2,3-cd)pyrene	25.74	276	7040	0.253	ng		99
35) Benzo(b)fluoranthene	22.82	252	5343	0.232	ng	#	95
36) Benzo(k)fluoranthene	22.87	252	6801	0.250	ng	#	94
37) Benzo(a)pyrene	23.40	252	5917	0.249	ng	#	91
38) Dibenzo(a,h)anthracene	25.74	278	5855	0.241	ng	#	96
39) Benzo(g,h,i)perylene	26.41	276	6156	0.251	ng	#	95

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

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