Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080816\
Data File : BE092223.D
Acq On : 8 Aug 2016 19:34
Operator : UM/SJ
Sample : PB92497BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB92497BS

Manual Integrations APPROVED
umangi
8/9/2016 2:39:21 PM

Quant Time: Aug 09 03:21:26 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-PAH-BE080216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 08 18:55:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	11537	5.00	ng		0.00
6) Naphthalene-d8	10.98	136	49804	5.00	ng		-0.02
10) Acenaphthene-d10	14.83	164	25388	5.00	ng		-0.02
16) Phenanthrene-d10	17.56	188	52332	5.00	ng		-0.02
22) Chrysene-d12	21.73	240	58561	5.00	ng		-0.02
28) Perylene-d12	24.14	264	65021	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.69	112	25239	8.52	ng		0.00
5) Phenol-d6	7.34	99	32599	8.26	ng		-0.01
7) Nitrobenzene-d5	9.34	82	15118	3.85	ng		-0.01
11) 2,4,6-Tribromophenol	16.32	330	7063	8.57	ng		-0.01
12) 2-Fluorobiphenyl	13.45	172	31248	3.88	ng		-0.01
24) Terphenyl-d14	20.19	244	39153	4.66	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	4608	2.94	ng	#	81
3) n-Nitrosodimethylamine	3.78	42	8363	3.86	ng	#	97
8) Naphthalene	11.03	128	41326	3.86	ng		95
9) 2-Methylnaphthalene	12.64	142	27716	3.92	ng		88
13) Acenaphthylene	14.54	152	166611	3.72	ng		98
14) Acenaphthene	14.90	154	25081	3.51	ng		94
15) Fluorene	15.88	166	32143	3.55	ng		100
17) Hexachlorobenzene	16.89	284	8274	3.23	ng	#	38
18) Pentachlorophenol	17.24	266	7139	7.43	ng	#	83
19) Phenanthrene	17.61	178	55936	3.92	ng		99
20) Anthracene	17.70	178	51553	3.70	ng		98
21) Fluoranthene	19.63	202	226670	3.54	ng		97
23) Pyrene	19.99	202	245559	4.01	ng		98
25) Benzo(a)anthracene	21.72	228	264049	4.10	ng		97
26) Chrysene	21.77	228	232997m	3.61	ng		
27) Indeno(1,2,3-cd)pyrene	26.63	276	330792	4.72	ng		100
29) Benzo(b)fluoranthene	23.40	252	68705m	3.86	ng		
30) Benzo(k)fluoranthene	23.45	252	65358	3.84	ng		96
31) Benzo(a)pyrene	24.02	252	67141	4.11	ng		95
32) Dibenzo(a,h)anthracene	26.65	278	68329	4.38	ng		95
33) Benzo(g,h,i)perylene	27.40	276	283577	4.26	ng		97

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

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