Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080816\
Data File : BE092220.D
Acq On : 8 Aug 2016 17:38
Operator : UM/SJ
Sample : PB92633BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB92633BS

Manual Integrations APPROVED
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8/9/2016 2:39:13 PM

Quant Time: Aug 09 03:15:17 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	11380	5.00	ng		0.00
6) Naphthalene-d8	10.98	136	49407	5.00	ng		-0.01
10) Acenaphthene-d10	14.83	164	25000	5.00	ng		-0.02
16) Phenanthrene-d10	17.56	188	52399	5.00	ng		-0.02
22) Chrysene-d12	21.73	240	56921	5.00	ng		-0.02
28) Perylene-d12	24.14	264	63033	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.69	112	23903	8.18	ng		0.00
5) Phenol-d6	7.34	99	31082	7.98	ng		-0.01
7) Nitrobenzene-d5	9.34	82	14589	3.74	ng		-0.01
11) 2,4,6-Tribromophenol	16.33	330	6712	8.27	ng		0.00
12) 2-Fluorobiphenyl	13.46	172	30961	3.91	ng		0.00
24) Terphenyl-d14	20.19	244	36519	4.47	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	4611	2.98	ng	#	84
3) n-Nitrosodimethylamine	3.78	42	8188	3.83	ng		96
8) Naphthalene	11.03	128	40857	3.85	ng		95
9) 2-Methylnaphthalene	12.64	142	27590	3.93	ng		89
13) Acenaphthylene	14.54	152	165954	3.76	ng		98
14) Acenaphthene	14.90	154	25382	3.61	ng		97
15) Fluorene	15.88	166	31345	3.52	ng		100
17) Hexachlorobenzene	16.89	284	8681m	3.39	ng		
18) Pentachlorophenol	17.24	266	6649	6.92	ng	#	82
19) Phenanthrene	17.60	178	54943	3.85	ng		99
20) Anthracene	17.70	178	51553	3.70	ng		99
21) Fluoranthene	19.63	202	220885	3.45	ng		97
23) Pyrene	19.99	202	234119	3.93	ng		97
25) Benzo(a)anthracene	21.72	228	255238	4.08	ng		98
26) Chrysene	21.77	228	233808m	3.73	ng		
27) Indeno(1,2,3-cd)pyrene	26.63	276	317368	4.66	ng		100
29) Benzo(b)fluoranthene	23.40	252	68333m	3.96	ng		
30) Benzo(k)fluoranthene	23.45	252	65165	3.95	ng		96
31) Benzo(a)pyrene	24.02	252	65106	4.11	ng		95
32) Dibenzo(a,h)anthracene	26.67	278	65492	4.33	ng	#	92
33) Benzo(g,h,i)perylene	27.40	276	271246	4.20	ng		96

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

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