Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080416\
Data File : BE092192.D
Acq On : 4 Aug 2016 21:11
Operator : UM/SJ
Sample : PB92633BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB92633BS

Manual Integrations APPROVED
sohil
8/5/2016 6:58:12 PM

Quant Time: Aug 05 03:46:10 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-PAH-BE080216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 16:59:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	13226	5.00	ng		0.00
6) Naphthalene-d8	10.98	136	57906	5.00	ng		-0.01
10) Acenaphthene-d10	14.83	164	27062	5.00	ng		-0.02
16) Phenanthrene-d10	17.56	188	59267	5.00	ng		-0.02
22) Chrysene-d12	21.73	240	59068	5.00	ng		-0.02
28) Perylene-d12	24.14	264	24979	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.69	112	23298	6.86	ng		0.00
5) Phenol-d6	7.34	99	28815	6.37	ng		-0.01
7) Nitrobenzene-d5	9.34	82	13851	3.03	ng		-0.01
11) 2,4,6-Tribromophenol	16.33	330	6319	7.19	ng		0.00
12) 2-Fluorobiphenyl	13.46	172	29246	3.41	ng		0.00
24) Terphenyl-d14	20.19	244	33716	3.97	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	5381	2.99	ng		93
3) n-Nitrosodimethylamine	3.78	42	9009	3.63	ng	#	81
8) Naphthalene	11.03	128	38563	3.10	ng		95
9) 2-Methylnaphthalene	12.64	142	25838	3.14	ng	#	86
13) Acenaphthylene	14.54	152	117499	2.46	ng		98
14) Acenaphthene	14.90	154	22621	2.97	ng	#	96
15) Fluorene	15.88	166	29475	3.05	ng		100
17) Hexachlorobenzene	16.89	284	8094	2.79	ng	#	38
18) Pentachlorophenol	17.24	266	6714	6.20	ng	#	82
19) Phenanthrene	17.61	178	51622	3.19	ng		99
20) Anthracene	17.70	178	44157	2.80	ng		99
21) Fluoranthene	19.63	202	193688	2.67	ng		97
23) Pyrene	19.99	202	173066	2.80	ng		97
25) Benzo(a)anthracene	21.72	228	204345	3.15	ng		97
26) Chrysene	21.77	228	197416m	3.04	ng		
27) Indeno(1,2,3-cd)pyrene	26.63	276	192250	2.72	ng		97
29) Benzo(b)fluoranthene	23.40	252	54249	7.94	ng		97
30) Benzo(k)fluoranthene	23.45	252	46337	7.10	ng		97
31) Benzo(a)pyrene	24.02	252	34647	5.52	ng		96
32) Dibenzo(a,h)anthracene	26.67	278	51190	8.54	ng	#	92
33) Benzo(g,h,i)perylene	27.40	276	154794	6.05	ng		98

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

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