Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE103116\
Data File : BE092483.D
Acq On : 31 Oct 2016 17:15
Operator : UM/SJ
Sample : PB94457BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB94457BS

Manual Integrations APPROVED
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11/1/2016 4:15:36 PM

Quant Time: Nov 01 11:08:16 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 15:25:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	10004	5.00	ng		0.00
7) Naphthalene-d8	10.95	136	43774	5.00	ng		0.00
12) Acenaphthene-d10	14.82	164	27483	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	50632	5.00	ng		-0.02
24) Chrysene-d12	21.75	240	73699	5.00	ng		0.00
31) Perylene-d12	24.11	264	64764	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.66	112	20738	11.11	ng		-0.02
5) Phenol-d6	7.34	99	27553	9.82	ng		-0.02
8) Nitrobenzene-d5	9.32	82	14410	4.63	ng		-0.05
13) 2,4,6-Tribromophenol	16.31	330	7330	9.81	ng		-0.01
14) 2-Fluorobiphenyl	13.43	172	33120	4.95	ng		-0.01
26) Terphenyl-d14	20.17	244	45011	4.94	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	4470	4.17	ng	#	73
3) n-Nitrosodimethylamine	3.75	42	7806	4.65	ng	#	89
6) bis(2-Chloroethyl)ether	7.59	93	13000	4.57	ng	#	28
9) Naphthalene	10.99	128	42470	4.49	ng	#	94
10) Hexachlorobutadiene	11.28	225	6411	4.42	ng		99
11) 2-Methylnaphthalene	12.62	142	27976	4.58	ng	#	84
15) Acenaphthylene	14.53	152	184951	4.71	ng		100
16) Acenaphthene	14.87	154	27331	4.36	ng		89
17) Fluorene	15.86	166	36104	4.81	ng		98
19) Hexachlorobenzene	16.89	284	10463	4.62	ng	#	63
20) Pentachlorophenol	17.23	266	8686	13.89	ng		85
21) Phenanthrene	17.60	178	66092	5.05	ng	#	94
22) Anthracene	17.69	178	64687	5.49	ng		99
23) Fluoranthene	19.61	202	281416	5.43	ng		100
25) Pyrene	19.97	202	299968	4.67	ng		99
27) Benzo(a)anthracene	21.72	228	333112m	4.89	ng		
28) Chrysene	21.77	228	349940m	4.88	ng		
29) Bis(2-ethylhexyl)phthalate	21.63	149	38156	4.69	ng	#	76
30) Indeno(1,2,3-cd)pyrene	26.60	276	346065	5.48	ng		97
32) Benzo(b)fluoranthene	23.37	252	75790	4.70	ng		94
33) Benzo(k)fluoranthene	23.43	252	83858	5.24	ng		96
34) Benzo(a)pyrene	24.00	252	76330	5.23	ng		94
35) Dibenzo(a,h)anthracene	26.62	278	71780	5.26	ng		94
36) Benzo(g,h,i)perylene	27.37	276	296491	5.04	ng		98

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

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