Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041116\
Data File : BE091634.D
Acq On : 11 Apr 2016 18:41
Operator : UM/SJ
Sample : PB89409BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB89409BS

Manual Integrations APPROVED
Sohil
4/12/2016 5:32:43 PM

Quant Time: Apr 12 02:30:51 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 16:48:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	150164	5.00	ng		-0.02
7) Naphthalene-d8	10.57	136	769779	5.00	ng		-0.02
13) Acenaphthene-d10	14.42	164	456451	5.00	ng		0.00
19) Phenanthrene-d10	17.16	188	1139253	5.00	ng		0.00
26) Chrysene-d12	21.31	240	1282843	5.00	ng		0.00
35) Perylene-d12	23.76	264	1169088	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	184334	5.14	ng		0.00
5) Phenol-d6	6.97	99	323505	6.77	ng		0.00
8) Nitrobenzene-d5	8.96	82	164256	3.67	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	146002	8.72	ng		-0.01
15) 2-Fluorobiphenyl	13.05	172	459093	3.62	ng		0.00
29) Terphenyl-d14	19.76	244	733816	4.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	40462	2.42	ng	#	92
3) n-Nitrosodimethylamine	3.64	42	76319	3.31	ng	#	95
6) bis(2-Chloroethyl)ether	7.23	93	139531	3.37	ng	#	76
9) Nitrobenzene	8.99	77	175601	3.19	ng	#	92
10) Naphthalene	10.63	128	494093	3.11	ng		99
11) Hexachlorobutadiene	10.92	225	76071	3.26	ng		99
12) 2-Methylnaphthalene	12.24	142	372609	3.68	ng		99
16) Acenaphthylene	14.14	152	704319	3.98	ng	#	86
17) Acenaphthene	14.49	154	456840	4.08	ng		99
18) Fluorene	15.46	166	536743	3.83	ng		98
20) 4-Bromophenyl-phenylether	16.34	248	156170	3.89	ng		96
21) Hexachlorobenzene	16.46	284	155415	3.73	ng		97
22) Pentachlorophenol	16.79	266	196754	9.01	ng	#	85
23) Phenanthrene	17.19	178	959620	3.69	ng		99
24) Anthracene	17.29	178	956447	4.15	ng		98
25) Fluoranthene	19.21	202	1114599	4.05	ng		97
27) Benzidine	19.38	184	578906	4.63	ng	#	76
28) Pyrene	19.55	202	1199338	4.67	ng		98
30) Benzo(a)anthracene	21.29	228	1240727m	4.32	ng		
31) 3,3'-Dichlorobenzidine	21.24	252	275971	1.45	ng	#	74
32) Chrysene	21.34	228	983851m	3.78	ng		
33) Bis(2-ethylhexyl)phthalate	21.22	149	581884	3.04	ng	#	80
34) Indeno(1,2,3-cd)pyrene	26.33	276	1300365	4.48	ng		97
36) Benzo(b)fluoranthene	23.01	252	1250415m	4.61	ng		
37) Benzo(k)fluoranthene	23.06	252	1104943	4.13	ng		97
38) Benzo(a)pyrene	23.65	252	1139869	4.52	ng		97
39) Dibenzo(a,h)anthracene	26.35	278	1097485	4.42	ng		96
40) Benzo(g,h,i)perylene	27.11	276	1122567	4.39	ng		97

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

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