Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051616\
Data File : BE091778.D
Acq On : 16 May 2016 17:52
Operator : UM/SJ
Sample : PB90589BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB90589BS

Manual Integrations APPROVED
umangi
5/17/2016 7:17:15 PM

Quant Time: May 17 04:31:41 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	47933	5.00	ng		0.00
7) Naphthalene-d8	10.57	136	237108	5.00	ng		0.00
13) Acenaphthene-d10	14.40	164	140631	5.00	ng		-0.01
19) Phenanthrene-d10	17.15	188	361181	5.00	ng		0.00
26) Chrysene-d12	21.31	240	313486	5.00	ng		0.00
35) Perylene-d12	23.75	264	323974	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	68944	5.86	ng		0.00
5) Phenol-d6	6.95	99	103664	6.64	ng		0.00
8) Nitrobenzene-d5	8.95	82	46254	3.02	ng		0.00
14) 2,4,6-Tribromophenol	15.89	330	32014	6.15	ng		-0.01
15) 2-Fluorobiphenyl	13.04	172	131845	3.31	ng		0.00
29) Terphenyl-d14	19.76	244	190980	3.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	16092	2.84	ng		95
3) n-Nitrosodimethylamine	3.63	42	25310	2.91	ng	#	94
6) bis(2-Chloroethyl)ether	7.21	93	43545	3.17	ng	#	76
9) Nitrobenzene	8.98	77	51038	3.19	ng		93
10) Naphthalene	10.61	128	157137	3.28	ng		98
11) Hexachlorobutadiene	10.90	225	24584	3.48	ng		98
12) 2-Methylnaphthalene	12.23	142	112451	3.65	ng		98
16) Acenaphthylene	14.12	152	194421	3.59	ng	#	86
17) Acenaphthene	14.47	154	124177	3.54	ng		96
18) Fluorene	15.45	166	149896	3.44	ng		98
20) 4-Bromophenyl-phenylether	16.33	248	42509	3.27	ng		93
21) Hexachlorobenzene	16.45	284	44708	3.44	ng		99
22) Pentachlorophenol	16.79	266	46572	6.65	ng	#	88
23) Phenanthrene	17.18	178	263305	3.21	ng		99
24) Anthracene	17.28	178	250617	3.39	ng		98
25) Fluoranthene	19.19	202	303754	3.54	ng	#	96
27) Benzidine	19.38	184	19399	0.92	ng	#	76
28) Pyrene	19.55	202	330561	4.67	ng		99
30) Benzo(a)anthracene	21.29	228	283475	3.70	ng	#	90
31) 3,3'-Dichlorobenzidine	21.22	252	29145	0.75	ng	#	86
32) Chrysene	21.34	228	330459m	4.15	ng		
33) Bis(2-ethylhexyl)phthalate	21.20	149	153430	6.61	ng	#	87
34) Indeno(1,2,3-cd)pyrene	26.29	276	309718	4.37	ng		95
36) Benzo(b)fluoranthene	22.99	252	316865	4.17	ng		96
37) Benzo(k)fluoranthene	23.04	252	270075m	3.50	ng		
38) Benzo(a)pyrene	23.63	252	272181	3.81	ng	#	96
39) Dibenzo(a,h)anthracene	26.32	278	259614	3.83	ng		95
40) Benzo(g,h,i)perylene	27.09	276	264491	3.84	ng	#	93

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

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