Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA E\DATA\BE070916\
Data File : BE091994.D
Acq On : 9 Jul 2016 12:09
Operator : UM/SJ
Sample : PB91976BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB91976BSD

Quant Time: Jul 11 09:05:33 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 16:14:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	20167	5.00	ng		0.00
8) Naphthalene-d8	10.99	136	90561	5.00	ng		0.00
15) Acenaphthene-d10	14.86	164	56530	5.00	ng		0.00
24) Phenanthrene-d10	17.59	188	111819	5.00	ng		0.00
31) Chrysene-d12	21.76	240	195136	5.00	ng		0.00
40) Perylene-d12	24.17	264	134291	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.72	112	38812	8.04	ng		0.00
5) Phenol-d6	7.35	99	52404	7.82	ng		-0.02
9) Nitrobenzene-d5	9.37	82	28020	4.54	ng		-0.02
16) 2,4,6-Tribromophenol	16.35	330	12902	6.40	ng		0.00
17) 2-Fluorobiphenyl	13.48	172	63254	4.59	ng		0.00
34) Terphenyl-d14	20.22	244	86220	3.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	9058	3.31	ng	#	80
3) n-Nitrosodimethylamine	3.80	42	15016	4.25	ng	#	81
6) bis(2-Chloroethyl)ether	7.61	93	23851	4.08	ng		98
7) n-Nitroso-di-n-propylamine	9.00	70	19725	3.53	ng	#	100
10) Nitrobenzene	9.40	77	28407	4.24	ng	#	100
11) bis(2-Chloroethoxy)methane	10.40	93	30580	4.04	ng	#	12
12) Naphthalene	11.04	128	79477	3.77	ng		97
13) Hexachlorobutadiene	11.34	225	11534	3.60	ng		98
14) 2-Methylnaphthalene	12.66	142	52974	3.91	ng		96
18) Acenaphthylene	14.56	152	329585	4.64	ng	#	72
19) 2,6-Dinitrotoluene	14.44	165	62850	3.87	ng	#	10
20) Acenaphthene	14.92	154	56985	3.69	ng	#	1
21) 2,4-Dinitrotoluene	15.22	165	68804	3.82	ng	#	58
22) Fluorene	15.90	166	67246	4.12	ng		100
23) 4-Chlorophenyl-phenylether	15.90	204	31486	3.87	ng		100
25) 4-Bromophenyl-phenylether	16.78	248	18848	3.88	ng		97
26) Hexachlorobenzene	16.90	284	19208m	3.98	ng		
27) Pentachlorophenol	17.25	266	17027	6.64	ng		91
28) Phenanthrene	17.63	178	114434	3.93	ng		99
29) Anthracene	17.72	178	109299	4.01	ng		100
30) Fluoranthene	19.65	202	451084	3.60	ng	#	86
32) Benzidine	19.83	184	5263	0.55	ng		95
33) Pyrene	19.99	202	502199	3.53	ng	#	64
35) Benzo(a)anthracene	21.73	228	140020m	4.28	ng		
36) 3,3'-Dichlorobenzidine	21.67	252	14381	1.66	ng	#	61
37) Chrysene	21.78	228	186973m	4.04	ng		
38) Bis(2-ethylhexyl)phthalate	21.64	149	118861	3.14	ng	#	100
39) Indeno(1,2,3-cd)pyrene	26.68	276	666782	3.67	ng		98
41) Benzo(b)fluoranthene	23.42	252	142926	3.85	ng		98
42) Benzo(k)fluoranthene	23.48	252	153373	4.28	ng		97
43) Benzo(a)pyrene	24.06	252	139017	3.97	ng		96
44) Dibenzo(a,h)anthracene	26.70	278	138770	4.21	ng		96
45) Benzo(g,h,i)perylene	27.47	276	565665	4.21	ng		98

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

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