Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070516\
Data File : BE091972.D
Acq On : 5 Jul 2016 21:47
Operator : UM/SJ
Sample : PB91781BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB91781BSD

Manual Integrations APPROVED
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Quant Time: Jul 06 06:00:01 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	23331	5.00	ng		0.00
8) Naphthalene-d8	10.99	136	105438	5.00	ng		0.00
15) Acenaphthene-d10	14.86	164	70128	5.00	ng		0.00
24) Phenanthrene-d10	17.59	188	142421	5.00	ng		0.00
31) Chrysene-d12	21.76	240	260640	5.00	ng		0.00
40) Perylene-d12	24.17	264	195860	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.72	112	41020	7.35	ng		0.00
5) Phenol-d6	7.35	99	55322	7.13	ng		-0.02
9) Nitrobenzene-d5	9.36	82	28888	4.02	ng		-0.02
16) 2,4,6-Tribromophenol	16.35	330	15105	6.05	ng		0.00
17) 2-Fluorobiphenyl	13.49	172	66610	3.89	ng		0.00
34) Terphenyl-d14	20.22	244	105233	3.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	8996	2.84	ng	#	82
3) n-Nitrosodimethylamine	3.80	42	15302	3.75	ng	#	83
6) bis(2-Chloroethyl)ether	7.61	93	23901	3.54	ng		97
7) n-Nitroso-di-n-propylamine	9.00	70	20939	3.23	ng	#	96
10) Nitrobenzene	9.40	77	28767	3.69	ng	#	100
11) bis(2-Chloroethoxy)methane	10.40	93	29928	3.40	ng	#	1
12) Naphthalene	11.04	128	81491	3.32	ng		97
13) Hexachlorobutadiene	11.34	225	12061	3.23	ng		98
14) 2-Methylnaphthalene	12.66	142	54123	3.43	ng		93
18) Acenaphthylene	14.56	152	347654	3.95	ng	#	72
19) 2,6-Dinitrotoluene	14.44	165	69255	3.45	ng	#	10
20) Acenaphthene	14.92	154	61648	3.22	ng	#	1
21) 2,4-Dinitrotoluene	15.22	165	80697	3.62	ng	#	54
22) Fluorene	15.90	166	70877	3.50	ng		100
23) 4-Chlorophenyl-phenylether	15.90	204	33202	3.29	ng		98
25) 4-Bromophenyl-phenylether	16.78	248	20627	3.33	ng		99
26) Hexachlorobenzene	16.90	284	20681	3.37	ng		100
27) Pentachlorophenol	17.25	266	18774	5.98	ng		90
28) Phenanthrene	17.64	178	127222	3.43	ng		99
29) Anthracene	17.72	178	120887	3.49	ng		100
30) Fluoranthene	19.65	202	563943	3.54	ng	#	87
32) Benzidine	19.83	184	10456	0.71	ng	#	94
33) Pyrene	20.02	202	578043	3.05	ng	#	74
35) Benzo(a)anthracene	21.73	228	160211m	3.67	ng		
36) 3,3'-Dichlorobenzidine	21.67	252	19403	1.68	ng	#	58
37) Chrysene	21.79	228	212011m	3.43	ng		
38) Bis(2-ethylhexyl)phthalate	21.67	149	149883	2.96	ng	#	100
39) Indeno(1,2,3-cd)pyrene	26.68	276	834361	3.44	ng		98
41) Benzo(b)fluoranthene	23.43	252	201389m	3.72	ng		
42) Benzo(k)fluoranthene	23.48	252	178781	3.42	ng		97
43) Benzo(a)pyrene	24.06	252	179289	3.51	ng		95
44) Dibenzo(a,h)anthracene	26.72	278	173002	3.60	ng		98
45) Benzo(g,h,i)perylene	27.47	276	703431	3.59	ng		99

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

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