Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122915\
Data File : BM003830.D
Acq On : 28 Dec 2015 16:08
Operator : UM/SJ
Sample : PB87573BS
Misc :
ALS Vial : 7 Sample Multiplier: 4

Instrument : BNA_M
ClientSampleId : PB87573BS

Quant Time: Dec 29 02:30:42 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 10:08:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	247189	20.00	ng		0.00
7) Naphthalene-d8	10.48	136	997654	20.00	ng		0.00
13) Acenaphthene-d10	14.33	164	501787	20.00	ng		0.00
19) Phenanthrene-d10	17.09	188	827382	20.00	ng		0.03
26) Chrysene-d12	21.29	240	717663	20.00	ng		0.00
35) Perylene-d12	23.53	264	574949	20.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	1846382	126.45	ng		0.02
5) Phenol-d6	6.87	99	2245887	125.59	ng		0.00
8) Nitrobenzene-d5	8.85	82	1327659	100.45	ng		0.00
14) 2,4,6-Tribromophenol	15.84	330	521157	130.23	ng		0.00
15) 2-Fluorobiphenyl	12.95	172	3109984	81.04	ng		0.00
29) Terphenyl-d14	19.72	244	1811109	64.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	154223	27.48	ng		94
3) n-Nitrosodimethylamine	3.48	42	259262	39.40	ng		96
6) bis(2-Chloroethyl)ether	7.11	93	616994	38.82	ng		100
9) Nitrobenzene	8.89	77	705573	47.00	ng		93
10) Naphthalene	10.51	128	2157503	37.89	ng		100
11) Hexachlorobutadiene	10.80	225	360495	41.02	ng		100
12) 2-Methylnaphthalene	12.14	142	1522946	40.04	ng		97
16) Acenaphthylene	14.04	152	2359728	41.33	ng		99
17) Acenaphthene	14.39	154	1454932	40.79	ng		99
18) Fluorene	15.39	166	1652162	39.53	ng		100
20) 4-Bromophenyl-phenylether	16.27	248	545531	40.47	ng		97
21) Hexachlorobenzene	16.40	284	513995	41.29	ng	#	98
22) Pentachlorophenol	16.73	266	427741	93.94	ng	#	68
23) Phenanthrene	17.11	178	2662104	37.60	ng		98
24) Anthracene	17.22	178	2236346	43.37	ng		99
25) Fluoranthene	19.14	202	2495191	37.23	ng		98
27) Benzidine	19.33	184	1627239m	47.86	ng		
28) Pyrene	19.52	202	2587923	43.72	ng		98
30) Benzo(a)anthracene	21.27	228	2108073m	39.25	ng		
31) 3,3'-Dichlorobenzidine	21.21	252	786450	41.83	ng		93
32) Chrysene	21.31	228	1710239m	35.51	ng		
33) Bis(2-ethylhexyl)phthalate	21.19	149	2074131	51.55	ng	#	98
34) Indeno(1,2,3-cd)pyrene	25.79	276	1904430	50.19	ng		98
36) Benzo(b)fluoranthene	22.85	252	1801991	38.36	ng		95
37) Benzo(k)fluoranthene	22.90	252	1760051	40.64	ng		99
38) Benzo(a)pyrene	23.42	252	1759871	43.75	ng		96
39) Dibenzo(a,h)anthracene	25.80	278	1536102	48.71	ng		97
40) Benzo(g,h,i)perylene	26.48	276	1673825	50.71	ng		96

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

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