Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
Data File : BM003717.D
Acq On : 22 Dec 2015 20:37
Operator : UM/SJ
Sample : PB87460BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB87460BS

Quant Time: Dec 22 23:36:51 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	34825	20.00	ng		-0.03
21) Naphthalene-d8	10.49	136	140445	20.00	ng		-0.03
38) Acenaphthene-d10	14.35	164	77772	20.00	ng		-0.03
63) Phenanthrene-d10	17.10	188	152432	20.00	ng		-0.02
75) Chrysene-d12	21.29	240	146221	20.00	ng		-0.03
86) Perylene-d12	23.54	264	134236	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	300593	153.46	ng		-0.02
7) Phenol-d6	6.87	99	354742	130.42	ng		-0.02
23) Nitrobenzene-d5	8.85	82	203357	89.78	ng		-0.03
41) 2,4,6-Tribromophenol	15.84	330	98311	126.57	ng		-0.02
44) 2-Fluorobiphenyl	12.96	172	513790	90.01	ng		-0.03
78) Terphenyl-d14	19.73	244	522639	84.29	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	23054	28.37	ng	#	100
3) Pyridine	3.58	79	94141	41.35	ng		91
4) n-Nitrosodimethylamine	3.50	42	33056	45.35	ng		90
6) Aniline	7.02	93	88785	24.80	ng		97
8) 2-Chlorophenol	7.26	128	109698	44.23	ng		98
9) Benzaldehyde	6.83	77	27244	20.43	ng		98
10) Phenol	6.90	94	126870	43.96	ng	#	73
11) bis(2-Chloroethyl)ether	7.12	93	92011	39.40	ng		99
12) 1,3-Dichlorobenzene	7.58	146	111898	41.07	ng		98
13) 1,4-Dichlorobenzene	7.73	146	117165	41.70	ng		96
14) 1,2-Dichlorobenzene	8.05	146	107386	40.03	ng		96
15) Benzyl Alcohol	7.93	79	81107	43.09	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.23	45	106281	42.61	ng		93
17) 2-Methylphenol	8.14	107	91848	45.52	ng		97
18) Hexachloroethane	8.76	117	39199	40.61	ng		92
19) n-Nitroso-di-n-propylamine	8.50	70	66859	37.47	ng	#	88
20) 3+4-Methylphenols	8.47	107	105394	37.75	ng		97
22) Acetophenone	8.52	105	139525	40.53	ng	#	90
24) Nitrobenzene	8.89	77	106109	43.33	ng		91
25) Isophorone	9.41	82	193230	42.17	ng		96
26) 2-Nitrophenol	9.60	139	49808	40.21	ng	#	87
27) 2,4-Dimethylphenol	9.67	122	90981	42.18	ng		93
28) bis(2-Chloroethoxy)methane	9.90	93	114711	41.67	ng		98
29) 2,4-Dichlorophenol	10.13	162	95927	46.69	ng		98
30) 1,2,4-Trichlorobenzene	10.35	180	95355	41.57	ng		98
31) Naphthalene	10.53	128	302192	41.12	ng		100
32) Benzoic acid	9.80	122	38919	32.68	ng		97
33) 4-Chloroaniline	10.65	127	27948	9.21	ng	#	95
34) Hexachlorobutadiene	10.82	225	56212	41.32	ng		98
35) Caprolactam	11.41	113	27405	40.35	ng	#	75
36) 4-Chloro-3-methylphenol	11.78	107	103509	44.68	ng		88
37) 2-Methylnaphthalene	12.15	142	241122	47.83	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	112436	44.97	ng	#	100
40) Hexachlorocyclopentadiene	12.50	237	131270	94.13	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
Data File : BM003717.D
Acq On : 22 Dec 2015 20:37
Operator : UM/SJ
Sample : PB87460BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB87460BS

Quant Time: Dec 22 23:36:51 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	71469	43.83	ng		98
43) 2,4,5-Trichlorophenol	12.85	196	77595	45.28	ng	#	89
45) 1,1'-Biphenyl	13.17	154	292910	42.47	ng		99
46) 2-Chloronaphthalene	13.22	162	221936	43.81	ng	#	92
47) 2-Nitroaniline	13.43	65	54941	43.72	ng		98
48) Acenaphthylene	14.07	152	359134	42.52	ng		99
49) Dimethylphthalate	13.80	163	262107	40.90	ng		100
50) 2,6-Dinitrotoluene	13.93	165	56375	42.16	ng		96
51) Acenaphthene	14.41	154	209453	42.80	ng		99
52) 3-Nitroaniline	14.26	138	23284	17.02	ng	#	81
53) 2,4-Dinitrophenol	14.47	184	55905	74.50	ng	#	84
54) Dibenzofuran	14.74	168	329877	46.67	ng		94
55) 4-Nitrophenol	14.57	139	92561	81.91	ng		77
56) 2,4-Dinitrotoluene	14.72	165	75244	43.37	ng	#	74
57) Fluorene	15.40	166	256073	43.70	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.98	232	59784	45.38	ng	#	100
59) Diethylphthalate	15.17	149	257795	40.97	ng		98
60) 4-Chlorophenyl-phenylether	15.39	204	123281	41.60	ng		94
61) 4-Nitroaniline	15.43	138	55429	39.66	ng		76
62) Azobenzene	15.69	77	239932	48.64	ng		98
64) 4,6-Dinitro-2-methylphenol	15.49	198	37362	40.63	ng		88
65) n-Nitrosodiphenylamine	15.61	169	220241	45.70	ng		99
66) 4-Bromophenyl-phenylether	16.29	248	70902	43.14	ng	#	84
67) Hexachlorobenzene	16.40	284	77644	43.97	ng	#	81
68) Atrazine	16.56	200	66931	44.53	ng		98
69) Pentachlorophenol	16.75	266	80330	79.69	ng		98
70) Phenanthrene	17.14	178	383728	44.86	ng		100
71) Anthracene	17.23	178	383437	45.12	ng		99
72) Carbazole	17.50	167	344764	46.56	ng		99
73) Di-n-butylphthalate	18.06	149	390934	45.17	ng		99
74) Fluoranthene	19.16	202	404457	45.85	ng		98
76) Benzidine	19.35	184	120787	25.79	ng		99
77) Pyrene	19.53	202	425289	41.47	ng		100
79) Butylbenzylphthalate	20.43	149	162467	41.14	ng		95
80) Benzo(a)anthracene	21.28	228	380580	43.41	ng		99
81) 3,3'-Dichlorobenzidine	21.22	252	85326	30.57	ng		98
82) Chrysene	21.33	228	349719	41.45	ng		99
83) Bis(2-ethylhexyl)phthalate	21.21	149	230358	42.53	ng		99
84) Di-n-octyl phthalate	22.09	149	398799	44.57	ng	#	95
85) Indeno(1,2,3-cd)pyrene	25.80	276	429933	48.50	ng	#	100
87) Benzo(b)fluoranthene	22.86	252	362732	44.45	ng		98
88) Benzo(k)fluoranthene	22.91	252	349639	43.89	ng		99
89) Benzo(a)pyrene	23.44	252	349821	45.58	ng	#	97
90) Dibenzo(a,h)anthracene	25.81	278	359377	47.96	ng		98
91) Benzo(g,h,i)perylene	26.50	276	370126	48.89	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
Data File : BM003717.D
Acq On : 22 Dec 2015 20:37
Operator : UM/SJ
Sample : PB87460BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB87460BS

Quant Time: Dec 22 23:36:51 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration