Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
Data File : BM010137.D
Acq On : 23 May 2017 12:18
Operator : SJ/MA
Sample : PB99133BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB99133BS

Quant Time: May 23 13:09:04 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	152214	20.00	ng		-0.02
21) Naphthalene-d8	10.77	136	496470	20.00	ng		-0.02
38) Acenaphthene-d10	14.59	164	299461	20.00	ng		-0.02
63) Phenanthrene-d10	17.33	188	685973	20.00	ng		-0.02
75) Chrysene-d12	21.49	240	979921	20.00	ng		-0.02
86) Perylene-d12	23.86	264	1200708	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1181987	140.23	ng		-0.02
7) Phenol-d6	7.15	99	1410655	130.06	ng		-0.02
23) Nitrobenzene-d5	9.15	82	948579	103.08	ng		-0.02
41) 2,4,6-Tribromophenol	16.08	330	654723	143.95	ng		-0.02
44) 2-Fluorobiphenyl	13.22	172	2389575	102.58	ng		-0.02
78) Terphenyl-d14	19.94	244	3585511	83.20	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	151033	39.00	ng	#	100
3) Pyridine	3.85	79	402092	38.78	ng		92
4) n-Nitrosodimethylamine	3.77	42	185564	49.48	ng	#	80
6) Aniline	7.32	93	293576	21.85	ng		93
8) 2-Chlorophenol	7.53	128	383200	41.78	ng		94
9) Benzaldehyde	7.12	77	112523	16.67	ng		89
10) Phenol	7.17	94	477479	41.77	ng		89
11) bis(2-Chloroethyl)ether	7.39	93	337016	39.56	ng		97
12) 1,3-Dichlorobenzene	7.84	146	476766	40.91	ng	#	88
13) 1,4-Dichlorobenzene	7.99	146	480986	40.18	ng		95
14) 1,2-Dichlorobenzene	8.31	146	463056	40.30	ng		95
15) Benzyl Alcohol	8.22	79	356633	43.46	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.49	45	289780	34.59	ng		75
17) 2-Methylphenol	8.42	107	314970	38.73	ng	#	85
18) Hexachloroethane	9.03	117	162737	41.93	ng	#	71
19) n-Nitroso-di-n-propylamine	8.77	70	309970	40.49	ng		92
20) 3+4-Methylphenols	8.75	107	422644	38.48	ng		90
22) Acetophenone	8.80	105	568283	44.65	ng	#	100
24) Nitrobenzene	9.19	77	472243	49.81	ng		97
25) Isophorone	9.69	82	735637	46.26	ng	#	93
26) 2-Nitrophenol	9.89	139	184506	46.17	ng	#	66
27) 2,4-Dimethylphenol	9.95	122	322439	44.69	ng	#	80
28) bis(2-Chloroethoxy)methane	10.18	93	424811	42.10	ng		96
29) 2,4-Dichlorophenol	10.42	162	393632	47.38	ng		97
30) 1,2,4-Trichlorobenzene	10.62	180	501650	46.67	ng		96
31) Naphthalene	10.82	128	1103727	41.56	ng		100
32) Benzoic acid	10.08	122	193830	39.42	ng	#	85
33) 4-Chloroaniline	10.96	127	96590	9.44	ng	#	84
34) Hexachlorobutadiene	11.06	225	345200	48.15	ng		98
35) Caprolactam	11.76	113	88218	37.01	ng	#	81
36) 4-Chloro-3-methylphenol	12.07	107	369734	41.09	ng		85
37) 2-Methylnaphthalene	12.42	142	824171	43.10	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.77	216	556911	48.36	ng	#	100
40) Hexachlorocyclopentadiene	12.73	237	831995	125.13	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.03	196	332072	48.96	ng		99
43) 2,4,5-Trichlorophenol	13.10	196	349821	46.68	ng	#	93
45) 1,1'-Biphenyl	13.43	154	1115154	45.28	ng		98
46) 2-Chloronaphthalene	13.47	162	886621	44.47	ng		96
47) 2-Nitroaniline	13.71	65	234000	45.64	ng		83
48) Acenaphthylene	14.32	152	1334966	45.28	ng		98
49) Dimethylphthalate	14.06	163	1102593	41.28	ng	#	98
50) 2,6-Dinitrotoluene	14.19	165	233561	46.05	ng		92
51) Acenaphthene	14.66	154	810469	44.22	ng		97
52) 3-Nitroaniline	14.54	138	172303	36.55	ng	#	71
53) 2,4-Dinitrophenol	14.73	184	285694	84.39	ng	#	81
54) Dibenzofuran	14.99	168	1387308	48.14	ng		96
55) 4-Nitrophenol	14.84	139	309871	81.68	ng	#	29
56) 2,4-Dinitrotoluene	14.97	165	316082	44.05	ng	#	86
57) Fluorene	15.64	166	1104248	44.06	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.22	232	328318	51.43	ng	#	100
59) Diethylphthalate	15.40	149	1018077	40.31	ng		97
60) 4-Chlorophenyl-phenylether	15.63	204	617187	43.86	ng		99
61) 4-Nitroaniline	15.70	138	179003	37.40	ng	#	25
62) Azobenzene	15.92	77	1011661	54.48	ng		90
64) 4,6-Dinitro-2-methylphenol	15.72	198	187423	44.72	ng		80
65) n-Nitrosodiphenylamine	15.85	169	933563	45.41	ng		99
66) 4-Bromophenyl-phenylether	16.52	248	402996	45.89	ng		93
67) Hexachlorobenzene	16.62	284	453665	42.52	ng		95
68) Atrazine	16.79	200	373743	47.95	ng		96
69) Pentachlorophenol	16.98	266	546477	93.26	ng		99
70) Phenanthrene	17.38	178	1719571	44.80	ng		100
71) Anthracene	17.47	178	1764783	46.33	ng		99
72) Carbazole	17.76	167	1497438	44.40	ng		98
73) Di-n-butylphthalate	18.27	149	1608843	40.24	ng	#	98
74) Fluoranthene	19.38	202	2118276	42.51	ng		98
76) Benzidine	19.59	184	1320676	73.07	ng		98
77) Pyrene	19.74	202	2192450	41.73	ng		99
79) Butylbenzylphthalate	20.62	149	754822	38.81	ng	#	88
80) Benzo(a)anthracene	21.48	228	2445744	45.29	ng		99
81) 3,3'-Dichlorobenzidine	21.42	252	670245	30.85	ng	#	97
82) Chrysene	21.53	228	2208477	43.12	ng		99
83) Bis(2-ethylhexyl)phthalate	21.36	149	1127146	38.76	ng	#	98
84) Di-n-octyl phthalate	22.27	149	2061981	39.60	ng	#	97
85) Indeno(1,2,3-cd)pyrene	26.29	276	4416486	58.80	ng	#	100
87) Benzo(b)fluoranthene	23.14	252	3132992	44.58	ng	#	92
88) Benzo(k)fluoranthene	23.19	252	2908272	42.24	ng	#	96
89) Benzo(a)pyrene	23.76	252	3099484	46.29	ng	#	97
90) Dibenzo(a,h)anthracene	26.29	278	3726615	49.77	ng	#	93
91) Benzo(g,h,i)perylene	27.04	276	3649032	49.73	ng	#	87

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

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