Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
Data File : BM010177.D
Acq On : 24 May 2017 13:03
Operator : SJ/MA
Sample : PB99209BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB99209BSD

Quant Time: May 25 05:25:01 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	7.95	152	133383	20.00	ng		-0.02
21) Naphthalene-d8	10.76	136	454191	20.00	ng		-0.03
38) Acenaphthene-d10	14.59	164	277886	20.00	ng		-0.02
63) Phenanthrene-d10	17.33	188	639605	20.00	ng		-0.02
75) Chrysene-d12	21.49	240	884506	20.00	ng		-0.02
86) Perylene-d12	23.85	264	1091743	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	656411	88.87	ng		-0.02
7) Phenol-d6	7.14	99	799751	84.15	ng		-0.03
23) Nitrobenzene-d5	9.14	82	825500	98.06	ng		-0.03
41) 2,4,6-Tribromophenol	16.07	330	360719	85.47	ng		-0.02
44) 2-Fluorobiphenyl	13.20	172	2078827	96.17	ng		-0.03
78) Terphenyl-d14	19.93	244	3068711	78.89	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	120289	35.44	ng	#	100
3) Pyridine	3.85	79	327439	36.04	ng		92
4) n-Nitrosodimethylamine	3.76	42	165421	50.34	ng	#	73
6) Aniline	7.30	93	358691	30.46	ng		92
8) 2-Chlorophenol	7.53	128	318543	39.64	ng		94
9) Benzaldehyde	7.11	77	93010	15.72	ng		87
10) Phenol	7.17	94	404808	40.42	ng		92
11) bis(2-Chloroethyl)ether	7.39	93	279874	37.49	ng		96
12) 1,3-Dichlorobenzene	7.83	146	386406	37.84	ng	#	90
13) 1,4-Dichlorobenzene	7.99	146	396176	37.77	ng		97
14) 1,2-Dichlorobenzene	8.30	146	383065	38.04	ng		96
15) Benzyl Alcohol	8.22	79	310275	43.15	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.47	45	238317	32.47	ng		76
17) 2-Methylphenol	8.41	107	265561	37.26	ng	#	84
18) Hexachloroethane	9.02	117	134371	39.51	ng	#	72
19) n-Nitroso-di-n-propylamine	8.76	70	266287	39.69	ng		94
20) 3+4-Methylphenols	8.75	107	359178	37.32	ng		87
22) Acetophenone	8.79	105	485829	41.73	ng	#	96
24) Nitrobenzene	9.18	77	408265	47.07	ng		93
25) Isophorone	9.69	82	633469	43.55	ng	#	93
26) 2-Nitrophenol	9.88	139	159901	43.74	ng	#	61
27) 2,4-Dimethylphenol	9.94	122	272820	41.33	ng	#	79
28) bis(2-Chloroethoxy)methane	10.17	93	361411	39.15	ng		99
29) 2,4-Dichlorophenol	10.41	162	335037	44.09	ng		96
30) 1,2,4-Trichlorobenzene	10.61	180	409061	41.60	ng		99
31) Naphthalene	10.81	128	919363	37.84	ng		98
32) Benzoic acid	10.07	122	170594	37.92	ng	#	74
33) 4-Chloroaniline	10.95	127	107820	11.52	ng	#	82
34) Hexachlorobutadiene	11.06	225	285863	43.58	ng		99
35) Caprolactam	11.76	113	77479	35.53	ng	#	82
36) 4-Chloro-3-methylphenol	12.06	107	318608	38.71	ng	#	83
37) 2-Methylnaphthalene	12.41	142	707091	40.42	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	467431	43.74	ng	#	100
40) Hexachlorocyclopentadiene	12.73	237	687414	111.41	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.02	196	292782	46.52	ng		99
43) 2,4,5-Trichlorophenol	13.10	196	306384	44.05	ng	#	93
45) 1,1'-Biphenyl	13.42	154	960487	42.03	ng		99
46) 2-Chloronaphthalene	13.47	162	761051	41.13	ng		98
47) 2-Nitroaniline	13.70	65	208655	43.86	ng	#	81
48) Acenaphthylene	14.32	152	1145862	41.88	ng		100
49) Dimethylphthalate	14.05	163	940229	37.93	ng	#	97
50) 2,6-Dinitrotoluene	14.19	165	198215	42.11	ng		91
51) Acenaphthene	14.65	154	689658	40.55	ng		97
52) 3-Nitroaniline	14.53	138	109664	25.07	ng	#	72
53) 2,4-Dinitrophenol	14.72	184	244726	78.39	ng	#	88
54) Dibenzofuran	14.99	168	1185121	44.31	ng		95
55) 4-Nitrophenol	14.84	139	273945	77.81	ng	#	33
56) 2,4-Dinitrotoluene	14.96	165	271255	40.73	ng	#	89
57) Fluorene	15.63	166	944244	40.60	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.21	232	284013	47.94	ng	#	100
59) Diethylphthalate	15.40	149	878733	37.49	ng		96
60) 4-Chlorophenyl-phenylether	15.62	204	537524	41.17	ng		97
61) 4-Nitroaniline	15.70	138	152598	34.36	ng	#	26
62) Azobenzene	15.92	77	880550	51.10	ng		88
64) 4,6-Dinitro-2-methylphenol	15.72	198	165099	42.25	ng		80
65) n-Nitrosodiphenylamine	15.85	169	798521	41.66	ng		98
66) 4-Bromophenyl-phenylether	16.52	248	350272	42.78	ng		94
67) Hexachlorobenzene	16.61	284	392072	39.41	ng		96
68) Atrazine	16.79	200	324563	44.66	ng		97
69) Pentachlorophenol	16.97	266	467493	85.56	ng		98
70) Phenanthrene	17.37	178	1481837	41.41	ng		100
71) Anthracene	17.46	178	1503695	42.34	ng		99
72) Carbazole	17.75	167	1280246	40.72	ng		98
73) Di-n-butylphthalate	18.27	149	1369410	36.73	ng	#	97
74) Fluoranthene	19.37	202	1816995	39.11	ng		97
76) Benzidine	19.58	184	1136786	69.68	ng		98
77) Pyrene	19.74	202	1851864	39.05	ng		100
79) Butylbenzylphthalate	20.62	149	643624	36.66	ng	#	88
80) Benzo(a)anthracene	21.47	228	2060995	42.28	ng		99
81) 3,3'-Dichlorobenzidine	21.42	252	616118	31.42	ng	#	97
82) Chrysene	21.53	228	1874949	40.55	ng		100
83) Bis(2-ethylhexyl)phthalate	21.36	149	918284	34.98	ng	#	97
84) Di-n-octyl phthalate	22.26	149	1679202	35.73	ng	#	98
85) Indeno(1,2,3-cd)pyrene	26.27	276	3762048	55.49	ng	#	100
87) Benzo(b)fluoranthene	23.13	252	2556071	40.00	ng	#	92
88) Benzo(k)fluoranthene	23.17	252	2537439	40.53	ng	#	95
89) Benzo(a)pyrene	23.74	252	2596964	42.65	ng	#	96
90) Dibenzo(a,h)anthracene	26.28	278	3145394	46.20	ng	#	92
91) Benzo(g,h,i)perylene	27.03	276	3118359	46.74	ng	#	85

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

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