Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
Data File : BM010139.D
Acq On : 23 May 2017 13:30
Operator : SJ/MA
Sample : PB99180BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB99180BS

Quant Time: May 23 18:23:59 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	137389	20.00	ng		-0.02
21) Naphthalene-d8	10.77	136	469012	20.00	ng		-0.02
38) Acenaphthene-d10	14.59	164	293636	20.00	ng		-0.02
63) Phenanthrene-d10	17.33	188	709170	20.00	ng		-0.02
75) Chrysene-d12	21.50	240	1140704	20.00	ng		-0.01
86) Perylene-d12	23.86	264	1318090	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1009877	132.74	ng		-0.02
7) Phenol-d6	7.15	99	1206652	123.26	ng		-0.02
23) Nitrobenzene-d5	9.15	82	823611	94.74	ng		-0.02
41) 2,4,6-Tribromophenol	16.08	330	626118	140.39	ng		-0.02
44) 2-Fluorobiphenyl	13.22	172	2113714	92.54	ng		-0.02
78) Terphenyl-d14	19.93	244	3669927	73.15	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	133240	38.12	ng	#	100
3) Pyridine	3.85	79	349469	37.34	ng		91
4) n-Nitrosodimethylamine	3.77	42	169602	50.11	ng	#	79
6) Aniline	7.31	93	383020	31.58	ng		92
8) 2-Chlorophenol	7.53	128	345185	41.70	ng		96
9) Benzaldehyde	7.12	77	100698	16.52	ng		88
10) Phenol	7.17	94	437049	42.36	ng		91
11) bis(2-Chloroethyl)ether	7.39	93	309044	40.19	ng		94
12) 1,3-Dichlorobenzene	7.84	146	429823	40.86	ng	#	89
13) 1,4-Dichlorobenzene	7.99	146	438452	40.58	ng		96
14) 1,2-Dichlorobenzene	8.31	146	417008	40.20	ng		96
15) Benzyl Alcohol	8.22	79	334134	45.11	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.49	45	262887	34.77	ng		78
17) 2-Methylphenol	8.42	107	285301	38.86	ng	#	84
18) Hexachloroethane	9.03	117	148543	42.41	ng	#	75
19) n-Nitroso-di-n-propylamine	8.76	70	282064	40.82	ng		94
20) 3+4-Methylphenols	8.75	107	393153	39.66	ng		88
22) Acetophenone	8.80	105	521304	43.36	ng	#	99
24) Nitrobenzene	9.19	77	439507	49.08	ng		96
25) Isophorone	9.69	82	687662	45.78	ng		94
26) 2-Nitrophenol	9.89	139	169079	44.79	ng	#	67
27) 2,4-Dimethylphenol	9.95	122	290310	42.59	ng	#	79
28) bis(2-Chloroethoxy)methane	10.18	93	388732	40.78	ng		99
29) 2,4-Dichlorophenol	10.42	162	361310	46.04	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	449056	44.23	ng		99
31) Naphthalene	10.82	128	1003866	40.01	ng		99
32) Benzoic acid	10.08	122	184242	39.66	ng		86
33) 4-Chloroaniline	10.96	127	147882	15.30	ng	#	77
34) Hexachlorobutadiene	11.06	225	312906	46.20	ng		96
35) Caprolactam	11.76	113	90974	40.40	ng	#	81
36) 4-Chloro-3-methylphenol	12.07	107	355387	41.81	ng		84
37) 2-Methylnaphthalene	12.42	142	774627	42.88	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.77	216	513576	45.48	ng	#	100
40) Hexachlorocyclopentadiene	12.73	237	758408	116.33	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.03	196	317948	47.81	ng		99
43) 2,4,5-Trichlorophenol	13.10	196	343178	46.70	ng	#	93
45) 1,1'-Biphenyl	13.42	154	1057503	43.79	ng		99
46) 2-Chloronaphthalene	13.47	162	841633	43.05	ng		97
47) 2-Nitroaniline	13.71	65	228126	45.38	ng		83
48) Acenaphthylene	14.32	152	1281943	44.34	ng		99
49) Dimethylphthalate	14.06	163	1073770	41.00	ng	#	98
50) 2,6-Dinitrotoluene	14.19	165	226929	45.63	ng		86
51) Acenaphthene	14.66	154	792508	44.10	ng		98
52) 3-Nitroaniline	14.54	138	179511	38.83	ng	#	74
53) 2,4-Dinitrophenol	14.72	184	283529	85.34	ng	#	88
54) Dibenzofuran	14.99	168	1334240	47.21	ng		96
55) 4-Nitrophenol	14.85	139	330112	88.74	ng	#	30
56) 2,4-Dinitrotoluene	14.97	165	313196	44.51	ng	#	84
57) Fluorene	15.63	166	1089482	44.33	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.22	232	324365	51.82	ng	#	100
59) Diethylphthalate	15.40	149	1011419	40.84	ng		97
60) 4-Chlorophenyl-phenylether	15.63	204	604379	43.80	ng		98
61) 4-Nitroaniline	15.70	138	185876	39.61	ng	#	30
62) Azobenzene	15.92	77	996691	54.74	ng		89
64) 4,6-Dinitro-2-methylphenol	15.72	198	191823	44.28	ng		83
65) n-Nitrosodiphenylamine	15.85	169	931335	43.82	ng		99
66) 4-Bromophenyl-phenylether	16.52	248	398113	43.85	ng		96
67) Hexachlorobenzene	16.62	284	451114	40.90	ng		95
68) Atrazine	16.79	200	379978	47.15	ng		99
69) Pentachlorophenol	16.97	266	564656	93.21	ng		99
70) Phenanthrene	17.37	178	1748676	44.07	ng		99
71) Anthracene	17.47	178	1797713	45.65	ng		99
72) Carbazole	17.76	167	1565000	44.89	ng		97
73) Di-n-butylphthalate	18.27	149	1683374	40.73	ng	#	98
74) Fluoranthene	19.38	202	2299760	44.64	ng		98
76) Benzidine	19.59	184	1735079	82.47	ng		99
77) Pyrene	19.74	202	2406096	39.34	ng		99
79) Butylbenzylphthalate	20.62	149	868047	38.34	ng	#	87
80) Benzo(a)anthracene	21.48	228	2782157	44.25	ng		99
81) 3,3'-Dichlorobenzidine	21.42	252	822942	32.54	ng	#	98
82) Chrysene	21.53	228	2523158	42.32	ng		99
83) Bis(2-ethylhexyl)phthalate	21.36	149	1277216	37.73	ng	#	98
84) Di-n-octyl phthalate	22.27	149	2420420	39.93	ng		97
85) Indeno(1,2,3-cd)pyrene	26.28	276	4497038	51.43	ng	#	100
87) Benzo(b)fluoranthene	23.14	252	3483805	45.16	ng	#	92
88) Benzo(k)fluoranthene	23.19	252	3214656	42.53	ng	#	96
89) Benzo(a)pyrene	23.76	252	3343380	45.48	ng	#	97
90) Dibenzo(a,h)anthracene	26.29	278	3788016	46.08	ng	#	92
91) Benzo(g,h,i)perylene	27.04	276	3690873	45.82	ng	#	87

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

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