Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
Data File : BM010106.D
Acq On : 22 May 2017 17:22
Operator : SJ/MA
Sample : PB99106BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB99106BS

Quant Time: May 23 05:27:58 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	158438	20.00	ng		-0.01
21) Naphthalene-d8	10.77	136	567577	20.00	ng		-0.01
38) Acenaphthene-d10	14.60	164	381919	20.00	ng		-0.01
63) Phenanthrene-d10	17.34	188	973800	20.00	ng		-0.01
75) Chrysene-d12	21.50	240	1427223	20.00	ng		-0.01
86) Perylene-d12	23.87	264	1529592	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1312867	149.64	ng		-0.01
7) Phenol-d6	7.16	99	1654045	146.51	ng		-0.01
23) Nitrobenzene-d5	9.16	82	1070466	101.75	ng		-0.01
41) 2,4,6-Tribromophenol	16.09	330	952472	164.20	ng		0.00
44) 2-Fluorobiphenyl	13.22	172	2937294	98.87	ng		-0.01
78) Terphenyl-d14	19.94	244	5562880	88.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	148635	36.87	ng	#	100
3) Pyridine	3.85	79	400138	37.08	ng		93
4) n-Nitrosodimethylamine	3.77	42	194607	49.86	ng	#	85
6) Aniline	7.32	93	387412	27.70	ng		95
8) 2-Chlorophenol	7.54	128	435501	45.62	ng		94
9) Benzaldehyde	7.13	77	126076	17.94	ng		88
10) Phenol	7.18	94	565340	47.52	ng		88
11) bis(2-Chloroethyl)ether	7.40	93	376606	42.47	ng		97
12) 1,3-Dichlorobenzene	7.85	146	503466	41.50	ng	#	93
13) 1,4-Dichlorobenzene	8.00	146	517878	41.56	ng		97
14) 1,2-Dichlorobenzene	8.32	146	497847	41.62	ng		97
15) Benzyl Alcohol	8.23	79	425030	49.76	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.49	45	325153	37.29	ng		79
17) 2-Methylphenol	8.43	107	372739	44.03	ng	#	88
18) Hexachloroethane	9.04	117	171426	42.44	ng	#	69
19) n-Nitroso-di-n-propylamine	8.77	70	354951	44.54	ng		91
20) 3+4-Methylphenols	8.76	107	505187	44.19	ng		92
22) Acetophenone	8.80	105	656743	45.14	ng	#	99
24) Nitrobenzene	9.20	77	540831	49.90	ng		99
25) Isophorone	9.70	82	891097	49.02	ng	#	91
26) 2-Nitrophenol	9.90	139	214751	47.01	ng	#	72
27) 2,4-Dimethylphenol	9.95	122	398589	48.32	ng	#	83
28) bis(2-Chloroethoxy)methane	10.19	93	506129	43.87	ng		99
29) 2,4-Dichlorophenol	10.43	162	488051	51.39	ng		97
30) 1,2,4-Trichlorobenzene	10.62	180	552952	45.00	ng		98
31) Naphthalene	10.82	128	1284797	42.32	ng		99
32) Benzoic acid	10.09	122	263929	46.95	ng	#	80
33) 4-Chloroaniline	10.97	127	123226	10.53	ng	#	86
34) Hexachlorobutadiene	11.07	225	372670	45.47	ng		99
35) Caprolactam	11.77	113	128976	47.33	ng	#	80
36) 4-Chloro-3-methylphenol	12.07	107	490608	47.70	ng		85
37) 2-Methylnaphthalene	12.42	142	1008901	46.15	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.77	216	657123	44.74	ng	#	100
40) Hexachlorocyclopentadiene	12.74	237	960259	113.24	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.03	196	431687	49.90	ng		96
43) 2,4,5-Trichlorophenol	13.11	196	461138	48.24	ng	#	94
45) 1,1'-Biphenyl	13.43	154	1397219	44.49	ng		100
46) 2-Chloronaphthalene	13.48	162	1102524	43.36	ng		97
47) 2-Nitroaniline	13.72	65	316947	48.47	ng		83
48) Acenaphthylene	14.33	152	1741554	46.32	ng		99
49) Dimethylphthalate	14.06	163	1492404	43.81	ng	#	99
50) 2,6-Dinitrotoluene	14.20	165	317360	49.06	ng		96
51) Acenaphthene	14.66	154	1065897	45.60	ng		99
52) 3-Nitroaniline	14.55	138	202099	33.61	ng	#	71
53) 2,4-Dinitrophenol	14.73	184	411744	94.55	ng	#	84
54) Dibenzofuran	15.00	168	1830078	49.79	ng		96
55) 4-Nitrophenol	14.86	139	467940	96.71	ng	#	35
56) 2,4-Dinitrotoluene	14.97	165	456184	49.85	ng	#	81
57) Fluorene	15.64	166	1517543	47.48	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.22	232	467150	57.38	ng	#	100
59) Diethylphthalate	15.41	149	1452829	45.10	ng		97
60) 4-Chlorophenyl-phenylether	15.63	204	840941	46.86	ng		97
61) 4-Nitroaniline	15.71	138	263537	43.18	ng	#	33
62) Azobenzene	15.93	77	1385910	58.52	ng		90
64) 4,6-Dinitro-2-methylphenol	15.73	198	282382	47.47	ng		79
65) n-Nitrosodiphenylamine	15.86	169	1324196	45.37	ng		99
66) 4-Bromophenyl-phenylether	16.53	248	569885	45.71	ng		96
67) Hexachlorobenzene	16.62	284	646955	42.72	ng		97
68) Atrazine	16.80	200	528712	47.78	ng		99
69) Pentachlorophenol	16.99	266	818407	98.38	ng		99
70) Phenanthrene	17.39	178	2496597	45.82	ng		100
71) Anthracene	17.47	178	2550318	47.17	ng		99
72) Carbazole	17.76	167	2241583	46.82	ng		98
73) Di-n-butylphthalate	18.28	149	2479236	43.68	ng	#	98
74) Fluoranthene	19.39	202	3219918	45.52	ng		98
76) Benzidine	19.59	184	1615923	61.38	ng		98
77) Pyrene	19.75	202	3323636	43.44	ng		99
79) Butylbenzylphthalate	20.63	149	1208392	42.66	ng	#	88
80) Benzo(a)anthracene	21.49	228	3672180	46.69	ng		99
81) 3,3'-Dichlorobenzidine	21.43	252	1250647	39.53	ng	#	97
82) Chrysene	21.54	228	3332549	44.67	ng		100
83) Bis(2-ethylhexyl)phthalate	21.37	149	1800565	42.51	ng	#	97
84) Di-n-octyl phthalate	22.28	149	3224788	42.52	ng	#	97
85) Indeno(1,2,3-cd)pyrene	26.30	276	5323864	48.67	ng	#	100
87) Benzo(b)fluoranthene	23.14	252	4281332	47.83	ng	#	93
88) Benzo(k)fluoranthene	23.19	252	4068473	46.39	ng	#	95
89) Benzo(a)pyrene	23.76	252	4114432	48.23	ng	#	97
90) Dibenzo(a,h)anthracene	26.31	278	4540738	47.60	ng	#	92
91) Benzo(g,h,i)perylene	27.06	276	4371386	46.77	ng	#	88

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

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