Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
Data File : BM010108.D
Acq On : 22 May 2017 18:34
Operator : SJ/MA
Sample : PB99095BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB99095BS

Quant Time: May 23 05:29:00 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	161588	20.00	ng		-0.01
21) Naphthalene-d8	10.77	136	562257	20.00	ng		-0.01
38) Acenaphthene-d10	14.60	164	335086	20.00	ng		-0.01
63) Phenanthrene-d10	17.34	188	740638	20.00	ng		-0.01
75) Chrysene-d12	21.50	240	1059704	20.00	ng		-0.01
86) Perylene-d12	23.87	264	1272114	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1107374	123.76	ng		-0.01
7) Phenol-d6	7.15	99	1319006	114.56	ng		-0.02
23) Nitrobenzene-d5	9.15	82	875218	83.98	ng		-0.02
41) 2,4,6-Tribromophenol	16.09	330	583332	114.62	ng		-0.01
44) 2-Fluorobiphenyl	13.22	172	2220021	85.17	ng		-0.02
78) Terphenyl-d14	19.94	244	3214252	68.97	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	149259	36.30	ng	#	100
3) Pyridine	3.85	79	384165	34.90	ng		91
4) n-Nitrosodimethylamine	3.77	42	177239	44.52	ng	#	84
6) Aniline	7.32	93	303411	21.27	ng		94
8) 2-Chlorophenol	7.54	128	364663	37.46	ng		94
9) Benzaldehyde	7.12	77	118698	16.56	ng		91
10) Phenol	7.18	94	452790	37.32	ng		87
11) bis(2-Chloroethyl)ether	7.40	93	324051	35.83	ng		98
12) 1,3-Dichlorobenzene	7.85	146	454952	36.77	ng	#	92
13) 1,4-Dichlorobenzene	8.00	146	458974	36.12	ng		94
14) 1,2-Dichlorobenzene	8.32	146	440281	36.09	ng		97
15) Benzyl Alcohol	8.23	79	347604	39.90	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.49	45	283972	31.93	ng		78
17) 2-Methylphenol	8.42	107	300991	34.86	ng	#	86
18) Hexachloroethane	9.04	117	154589	37.52	ng	#	74
19) n-Nitroso-di-n-propylamine	8.77	70	288386	35.48	ng		91
20) 3+4-Methylphenols	8.76	107	404785	34.71	ng		89
22) Acetophenone	8.80	105	547097	37.96	ng	#	99
24) Nitrobenzene	9.20	77	444530	41.40	ng		97
25) Isophorone	9.70	82	696747	38.69	ng	#	95
26) 2-Nitrophenol	9.90	139	173472	38.33	ng	#	69
27) 2,4-Dimethylphenol	9.95	122	307109	37.58	ng	#	82
28) bis(2-Chloroethoxy)methane	10.19	93	409140	35.80	ng		99
29) 2,4-Dichlorophenol	10.43	162	375458	39.91	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	471071	38.70	ng		99
31) Naphthalene	10.82	128	1062532	35.33	ng		99
32) Benzoic acid	10.08	122	179622	32.26	ng		88
33) 4-Chloroaniline	10.96	127	82321	7.10	ng	#	81
34) Hexachlorobutadiene	11.07	225	322843	39.76	ng		97
35) Caprolactam	11.76	113	86622	32.09	ng	#	72
36) 4-Chloro-3-methylphenol	12.07	107	345836	33.94	ng		88
37) 2-Methylnaphthalene	12.42	142	799395	36.91	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.77	216	518436	40.23	ng	#	100
40) Hexachlorocyclopentadiene	12.74	237	784817	105.49	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.03	196	312532	41.18	ng		99
43) 2,4,5-Trichlorophenol	13.11	196	328338	39.15	ng	#	94
45) 1,1'-Biphenyl	13.43	154	1061362	38.52	ng		99
46) 2-Chloronaphthalene	13.48	162	834160	37.39	ng		96
47) 2-Nitroaniline	13.72	65	210687	36.72	ng	#	83
48) Acenaphthylene	14.33	152	1249188	37.87	ng		100
49) Dimethylphthalate	14.06	163	1020772	34.15	ng	#	98
50) 2,6-Dinitrotoluene	14.19	165	214635	37.82	ng		89
51) Acenaphthene	14.66	154	764735	37.29	ng		98
52) 3-Nitroaniline	14.54	138	149113	28.27	ng	#	67
53) 2,4-Dinitrophenol	14.73	184	253366	68.20	ng	#	86
54) Dibenzofuran	15.00	168	1290434	40.01	ng		97
55) 4-Nitrophenol	14.85	139	284211	66.95	ng	#	35
56) 2,4-Dinitrotoluene	14.97	165	289864	36.10	ng	#	80
57) Fluorene	15.64	166	1039459	37.07	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.22	232	306108	42.85	ng	#	100
59) Diethylphthalate	15.41	149	949744	33.61	ng		97
60) 4-Chlorophenyl-phenylether	15.63	204	583066	37.03	ng		98
61) 4-Nitroaniline	15.71	138	167866	31.35	ng	#	38
62) Azobenzene	15.93	77	919343	44.24	ng		90
64) 4,6-Dinitro-2-methylphenol	15.72	198	168626	37.27	ng		81
65) n-Nitrosodiphenylamine	15.86	169	867047	39.06	ng		100
66) 4-Bromophenyl-phenylether	16.53	248	382120	40.30	ng		97
67) Hexachlorobenzene	16.62	284	426825	37.05	ng		96
68) Atrazine	16.80	200	337973	40.16	ng		99
69) Pentachlorophenol	16.98	266	496837	78.53	ng		98
70) Phenanthrene	17.38	178	1590144	38.37	ng		99
71) Anthracene	17.47	178	1613783	39.24	ng		99
72) Carbazole	17.76	167	1369961	37.63	ng		98
73) Di-n-butylphthalate	18.28	149	1486497	34.43	ng	#	98
74) Fluoranthene	19.39	202	1960296	36.43	ng		98
76) Benzidine	19.59	184	1212154	62.02	ng		99
77) Pyrene	19.75	202	2027299	35.68	ng		99
79) Butylbenzylphthalate	20.63	149	692162	32.91	ng	#	92
80) Benzo(a)anthracene	21.48	228	2246010	38.46	ng		100
81) 3,3'-Dichlorobenzidine	21.43	252	616330	26.24	ng	#	97
82) Chrysene	21.53	228	2051761	37.04	ng		99
83) Bis(2-ethylhexyl)phthalate	21.37	149	1013395	32.22	ng	#	97
84) Di-n-octyl phthalate	22.28	149	1892966	33.62	ng	#	97
85) Indeno(1,2,3-cd)pyrene	26.29	276	3965460	48.82	ng	#	100
87) Benzo(b)fluoranthene	23.14	252	2937984	39.46	ng	#	93
88) Benzo(k)fluoranthene	23.19	252	2647958	36.30	ng	#	95
89) Benzo(a)pyrene	23.76	252	2827650	39.86	ng	#	96
90) Dibenzo(a,h)anthracene	26.30	278	3335147	42.04	ng	#	92
91) Benzo(g,h,i)perylene	27.04	276	3291354	42.34	ng	#	87

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

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