Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040517\
Data File : BM009547.D
Acq On : 05 Apr 2017 01:39
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040EC

Quant Time: Apr 05 02:20:44 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 12:10:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	138246	20.00	ng		-0.02
21) Naphthalene-d8	10.64	136	576322	20.00	ng		-0.02
38) Acenaphthene-d10	14.49	164	362341	20.00	ng		-0.02
63) Phenanthrene-d10	17.24	188	865983	20.00	ng		-0.01
75) Chrysene-d12	21.42	240	1188401	20.00	ng		-0.01
86) Perylene-d12	23.74	264	1092437	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	677464	81.68	ng		-0.02
7) Phenol-d6	7.00	99	972739	86.01	ng		-0.02
23) Nitrobenzene-d5	9.01	82	1252336	81.47	ng		-0.02
41) 2,4,6-Tribromophenol	15.98	330	399187	88.68	ng		-0.02
44) 2-Fluorobiphenyl	13.10	172	2351656	78.20	ng		-0.02
78) Terphenyl-d14	19.86	244	4630201	81.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	146659	35.16	ng	#	100
3) Pyridine	3.75	79	470696	39.94	ng	#	80
4) n-Nitrosodimethylamine	3.67	42	260544	41.53	ng	#	64
6) Aniline	7.17	93	643959	41.90	ng		91
8) 2-Chlorophenol	7.40	128	364460	43.34	ng	#	80
9) Benzaldehyde	6.99	77	320142	35.96	ng		82
10) Phenol	7.03	94	517354	42.22	ng		88
11) bis(2-Chloroethyl)ether	7.27	93	426688	42.48	ng		85
12) 1,3-Dichlorobenzene	7.73	146	401420	39.87	ng	#	86
13) 1,4-Dichlorobenzene	7.88	146	423700	40.73	ng	#	93
14) 1,2-Dichlorobenzene	8.19	146	412344	40.82	ng	#	90
15) Benzyl Alcohol	8.09	79	423050	42.78	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.36	45	714626	40.93	ng		96
17) 2-Methylphenol	8.28	107	354320	44.19	ng	#	84
18) Hexachloroethane	8.92	117	181481	42.64	ng		86
19) n-Nitroso-di-n-propylamine	8.65	70	400565	43.93	ng	#	90
20) 3+4-Methylphenols	8.61	107	472969	43.38	ng		91
22) Acetophenone	8.67	105	654048	40.24	ng	#	88
24) Nitrobenzene	9.05	77	611053	40.58	ng		90
25) Isophorone	9.57	82	994217	42.40	ng	#	89
26) 2-Nitrophenol	9.76	139	191363	42.13	ng	#	46
27) 2,4-Dimethylphenol	9.81	122	350426	42.18	ng	#	85
28) bis(2-Chloroethoxy)methane	10.05	93	585247	40.31	ng		98
29) 2,4-Dichlorophenol	10.29	162	368349	42.41	ng		95
30) 1,2,4-Trichlorobenzene	10.50	180	424296	39.37	ng		100
31) Naphthalene	10.69	128	1233798	40.33	ng		100
32) Benzoic acid	9.95	122	199600	34.76	ng	#	71
33) 4-Chloroaniline	10.80	127	494462	41.90	ng	#	79
34) Hexachlorobutadiene	10.96	225	280296	37.98	ng		98
35) Caprolactam	11.60	113	119411	45.03	ng	#	67
36) 4-Chloro-3-methylphenol	11.92	107	440882	44.86	ng	#	77
37) 2-Methylnaphthalene	12.30	142	878889	41.62	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	523830	38.29	ng	#	100
40) Hexachlorocyclopentadiene	12.64	237	274280	34.93	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.91	196	308778	39.48	ng		99
43) 2,4,5-Trichlorophenol	12.98	196	347996	39.87	ng	#	86
45) 1,1'-Biphenyl	13.32	154	1205554	39.98	ng		97
46) 2-Chloronaphthalene	13.36	162	918936	39.23	ng	#	93
47) 2-Nitroaniline	13.57	65	391106	45.32	ng	#	72
48) Acenaphthylene	14.21	152	1566570	41.06	ng		99
49) Dimethylphthalate	13.95	163	1141754	41.04	ng	#	98
50) 2,6-Dinitrotoluene	14.07	165	254356	42.43	ng	#	61
51) Acenaphthene	14.55	154	936991	40.71	ng		99
52) 3-Nitroaniline	14.40	138	264476	44.78	ng	#	59
53) 2,4-Dinitrophenol	14.61	184	141266	38.02	ng		97
54) Dibenzofuran	14.89	168	1394686	40.97	ng		94
55) 4-Nitrophenol	14.70	139	214991	44.04	ng	#	18
56) 2,4-Dinitrotoluene	14.86	165	362463	44.69	ng		97
57) Fluorene	15.54	166	1279244	41.81	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.11	232	314090	42.55	ng	#	100
59) Diethylphthalate	15.30	149	1200531	42.54	ng		98
60) 4-Chlorophenyl-phenylether	15.53	204	646680	40.48	ng		97
61) 4-Nitroaniline	15.57	138	290842	45.33	ng	#	37
62) Azobenzene	15.82	77	1447338	43.93	ng		84
64) 4,6-Dinitro-2-methylphenol	15.62	198	220272	40.37	ng		89
65) n-Nitrosodiphenylamine	15.74	169	1056300	40.15	ng		98
66) 4-Bromophenyl-phenylether	16.43	248	398864	39.75	ng	#	90
67) Hexachlorobenzene	16.54	284	436456	39.69	ng	#	91
68) Atrazine	16.70	200	394211	39.85	ng		99
69) Pentachlorophenol	16.88	266	260602	38.79	ng		98
70) Phenanthrene	17.28	178	2006310	40.52	ng		100
71) Anthracene	17.37	178	2074537	41.38	ng		99
72) Carbazole	17.64	167	2098267	43.70	ng		99
73) Di-n-butylphthalate	18.19	149	2154987	43.94	ng	#	98
74) Fluoranthene	19.29	202	2533619	43.20	ng		98
76) Benzidine	19.48	184	1144674	32.32	ng		100
77) Pyrene	19.66	202	2719826	40.35	ng		98
79) Butylbenzylphthalate	20.54	149	1051782	43.34	ng	#	73
80) Benzo(a)anthracene	21.40	228	2854046	41.12	ng		98
81) 3,3'-Dichlorobenzidine	21.33	252	1094319	42.10	ng		98
82) Chrysene	21.45	228	2703256	40.79	ng		99
83) Bis(2-ethylhexyl)phthalate	21.31	149	1557431	43.00	ng		98
84) Di-n-octyl phthalate	22.21	149	2661496	44.16	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.11	276	3027858	41.89	ng	#	100
87) Benzo(b)fluoranthene	23.03	252	2815021	40.65	ng	#	96
88) Benzo(k)fluoranthene	23.08	252	2766152	41.54	ng		98
89) Benzo(a)pyrene	23.64	252	2666044	41.58	ng		98
90) Dibenzo(a,h)anthracene	26.11	278	2623778	41.77	ng	#	96
91) Benzo(g,h,i)perylene	26.83	276	2522081	41.19	ng	#	93

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

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