Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051017\
Data File : BM009967.D
Acq On : 10 May 2017 12:45
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: May 10 16:58:01 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 14:52:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	72932	20.00	ng		-0.01
21) Naphthalene-d8	10.56	136	323868	20.00	ng		-0.02
38) Acenaphthene-d10	14.42	164	200613	20.00	ng		-0.02
63) Phenanthrene-d10	17.18	188	498032	20.00	ng		-0.02
75) Chrysene-d12	21.37	240	687091	20.00	ng		-0.02
86) Perylene-d12	23.66	264	580169	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	382599	83.52	ng		-0.01
7) Phenol-d6	6.95	99	586624	83.54	ng		-0.02
23) Nitrobenzene-d5	8.94	82	771509	86.21	ng		-0.02
41) 2,4,6-Tribromophenol	15.93	330	229361	83.71	ng		-0.01
44) 2-Fluorobiphenyl	13.03	172	1231571	79.99	ng		-0.02
78) Terphenyl-d14	19.80	244	2688602	80.27	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	79869	45.40	ng	#	100
3) Pyridine	3.69	79	270511	44.71	ng		91
4) n-Nitrosodimethylamine	3.60	42	146804	37.20	ng	#	63
6) Aniline	7.11	93	376885	40.60	ng	#	89
8) 2-Chlorophenol	7.34	128	210029	41.18	ng		85
9) Benzaldehyde	6.93	77	229841	41.20	ng	#	78
10) Phenol	6.98	94	311799	40.56	ng		96
11) bis(2-Chloroethyl)ether	7.20	93	245629	40.14	ng		88
12) 1,3-Dichlorobenzene	7.65	146	220904	39.08	ng	#	83
13) 1,4-Dichlorobenzene	7.80	146	231329	39.71	ng	#	91
14) 1,2-Dichlorobenzene	8.12	146	223263	39.88	ng	#	91
15) Benzyl Alcohol	8.02	79	265974	40.90	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.30	45	297447	26.30	ng		92
17) 2-Methylphenol	8.22	107	215565	41.64	ng	#	81
18) Hexachloroethane	8.83	117	106801	41.37	ng		96
19) n-Nitroso-di-n-propylamine	8.58	70	280754	42.17	ng	#	95
20) 3+4-Methylphenols	8.55	107	297704	41.85	ng	#	87
22) Acetophenone	8.60	105	411911	40.65	ng	#	95
24) Nitrobenzene	8.99	77	399073	42.96	ng	#	84
25) Isophorone	9.50	82	631987	40.03	ng	#	86
26) 2-Nitrophenol	9.69	139	117878	39.23	ng	#	47
27) 2,4-Dimethylphenol	9.75	122	213670	39.52	ng	#	76
28) bis(2-Chloroethoxy)methane	9.98	93	364520	39.68	ng		99
29) 2,4-Dichlorophenol	10.22	162	207200	39.97	ng		87
30) 1,2,4-Trichlorobenzene	10.43	180	239058	39.46	ng		95
31) Naphthalene	10.62	128	710716	39.91	ng		99
32) Benzoic acid	9.93	122	137947	38.85	ng	#	68
33) 4-Chloroaniline	10.74	127	308699	41.10	ng	#	76
34) Hexachlorobutadiene	10.87	225	163277	38.73	ng		95
35) Caprolactam	11.56	113	79926	40.43	ng		96
36) 4-Chloro-3-methylphenol	11.87	107	289723	41.16	ng	#	78
37) 2-Methylnaphthalene	12.23	142	495446	39.39	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	292042	40.47	ng	#	100
40) Hexachlorocyclopentadiene	12.56	237	52428	36.92	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	179913	38.58	ng		98
43) 2,4,5-Trichlorophenol	12.93	196	194142	38.69	ng	#	79
45) 1,1'-Biphenyl	13.25	154	689678	40.38	ng		96
46) 2-Chloronaphthalene	13.29	162	557158	41.27	ng	#	91
47) 2-Nitroaniline	13.52	65	271014	41.57	ng	#	66
48) Acenaphthylene	14.15	152	860057	40.59	ng		97
49) Dimethylphthalate	13.89	163	757879	39.65	ng		99
50) 2,6-Dinitrotoluene	14.02	165	152138	40.82	ng	#	42
51) Acenaphthene	14.49	154	522731	39.98	ng		97
52) 3-Nitroaniline	14.36	138	165980	41.16	ng	#	28
53) 2,4-Dinitrophenol	14.58	184	68009	36.74	ng	#	71
54) Dibenzofuran	14.82	168	813649	40.69	ng	#	89
55) 4-Nitrophenol	14.69	139	97687	36.06	ng	#	1
56) 2,4-Dinitrotoluene	14.82	165	224527	41.45	ng	#	66
57) Fluorene	15.47	166	724566	41.06	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.06	232	162321	42.24	ng	#	100
59) Diethylphthalate	15.25	149	832510	40.78	ng		97
60) 4-Chlorophenyl-phenylether	15.47	204	385853	41.21	ng		99
61) 4-Nitroaniline	15.53	138	172962	42.82	ng	#	6
62) Azobenzene	15.76	77	1052079	46.26	ng		84
64) 4,6-Dinitro-2-methylphenol	15.59	198	125132	38.59	ng		85
65) n-Nitrosodiphenylamine	15.69	169	635440	40.26	ng		98
66) 4-Bromophenyl-phenylether	16.36	248	232835	39.97	ng	#	87
67) Hexachlorobenzene	16.48	284	264192	39.81	ng	#	89
68) Atrazine	16.65	200	245465	40.61	ng		98
69) Pentachlorophenol	16.83	266	104241	39.17	ng		97
70) Phenanthrene	17.22	178	1164912	40.40	ng		99
71) Anthracene	17.32	178	1201605	41.33	ng		99
72) Carbazole	17.59	167	1089669	41.34	ng		99
73) Di-n-butylphthalate	18.13	149	1568981	41.44	ng	#	96
74) Fluoranthene	19.24	202	1511489	41.54	ng		97
76) Benzidine	19.43	184	735851	35.50	ng		99
77) Pyrene	19.60	202	1611624	39.27	ng		99
79) Butylbenzylphthalate	20.49	149	785772	39.70	ng	#	61
80) Benzo(a)anthracene	21.36	228	1683502	40.68	ng		98
81) 3,3'-Dichlorobenzidine	21.29	252	631519	38.40	ng		99
82) Chrysene	21.40	228	1578492	40.57	ng		99
83) Bis(2-ethylhexyl)phthalate	21.26	149	1189146	39.06	ng		97
84) Di-n-octyl phthalate	22.14	149	2064701	39.06	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.01	276	1443389	32.90	ng	#	100
87) Benzo(b)fluoranthene	22.97	252	1537146	41.58	ng	#	95
88) Benzo(k)fluoranthene	23.02	252	1521995	42.34	ng	#	97
89) Benzo(a)pyrene	23.57	252	1389372	40.06	ng		98
90) Dibenzo(a,h)anthracene	26.02	278	1292776	37.15	ng	#	95
91) Benzo(g,h,i)perylene	26.73	276	1172269	35.91	ng	#	92

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

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