Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121015\
Data File : BM003471.D
Acq On : 11 Dec 2015 02:23
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMdadoda
12/11/2015 6:00:52 PM

Quant Time: Dec 11 07:34:06 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	95083	20.00	ng		0.00
21) Naphthalene-d8	10.51	136	440882	20.00	ng		0.00
38) Acenaphthene-d10	14.37	164	244134	20.00	ng		0.00
63) Phenanthrene-d10	17.12	188	481474	20.00	ng		0.00
75) Chrysene-d12	21.32	240	407875	20.00	ng		0.00
86) Perylene-d12	23.56	264	389126	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	440490	82.36	ng		0.00
7) Phenol-d6	6.89	99	620086	83.50	ng		0.00
23) Nitrobenzene-d5	8.88	82	591939	83.25	ng		0.00
41) 2,4,6-Tribromophenol	15.87	330	198786	81.53	ng		0.00
44) 2-Fluorobiphenyl	12.99	172	1418206	79.15	ng		0.00
78) Terphenyl-d14	19.76	244	1342943	77.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	84311	37.99	ng	#	100
3) Pyridine	3.60	79	247879	39.88	ng		89
4) n-Nitrosodimethylamine	3.53	42	82666	41.54	ng		84
6) Aniline	7.05	93	400093	40.93	ng		96
8) 2-Chlorophenol	7.29	128	280486	41.42	ng		95
9) Benzaldehyde	6.86	77	148225	40.71	ng		95
10) Phenol	6.92	94	328606	41.70	ng	#	71
11) bis(2-Chloroethyl)ether	7.15	93	254749	39.96	ng		96
12) 1,3-Dichlorobenzene	7.61	146	297301	39.97	ng		98
13) 1,4-Dichlorobenzene	7.76	146	307726	40.12	ng		96
14) 1,2-Dichlorobenzene	8.07	146	293894	40.13	ng		97
15) Benzyl Alcohol	7.96	79	221342	43.07	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.25	45	275481	40.45	ng		93
17) 2-Methylphenol	8.16	107	234239	42.52	ng		98
18) Hexachloroethane	8.80	117	108238	41.07	ng		89
19) n-Nitroso-di-n-propylamine	8.53	70	201881	41.44	ng	#	88
20) 3+4-Methylphenols	8.50	107	322175	42.27	ng		99
22) Acetophenone	8.55	105	436394	40.39	ng	#	89
24) Nitrobenzene	8.92	77	317447	41.29	ng		91
25) Isophorone	9.45	82	591920	41.15	ng		98
26) 2-Nitrophenol	9.63	139	164036	42.19	ng	#	93
27) 2,4-Dimethylphenol	9.69	122	274870	40.60	ng		94
28) bis(2-Chloroethoxy)methane	9.93	93	341701	39.54	ng		98
29) 2,4-Dichlorophenol	10.16	162	273699	42.44	ng		100
30) 1,2,4-Trichlorobenzene	10.37	180	290077	40.28	ng		97
31) Naphthalene	10.56	128	917960	39.79	ng		100
32) Benzoic acid	9.86	122	194504m	46.15	ng		
33) 4-Chloroaniline	10.67	127	386655	40.60	ng	#	95
34) Hexachlorobutadiene	10.85	225	171228	40.10	ng		97
35) Caprolactam	11.46	113	86289	40.47	ng	#	72
36) 4-Chloro-3-methylphenol	11.80	107	301631	41.48	ng		90
37) 2-Methylnaphthalene	12.18	142	627842	39.67	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	316515	40.33	ng	#	100
40) Hexachlorocyclopentadiene	12.53	237	166706	38.08	ng		99

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Quant Time: Dec 11 07:34:06 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	218581	42.70	ng		99
43) 2,4,5-Trichlorophenol	12.87	196	227002	42.19	ng	#	90
45) 1,1'-Biphenyl	13.20	154	869351	40.16	ng		99
46) 2-Chloronaphthalene	13.25	162	645102	40.57	ng	#	93
47) 2-Nitroaniline	13.45	65	164425	41.69	ng		93
48) Acenaphthylene	14.10	152	1069728	40.35	ng		100
49) Dimethylphthalate	13.83	163	799516	39.74	ng		99
50) 2,6-Dinitrotoluene	13.96	165	175041	41.70	ng		92
51) Acenaphthene	14.44	154	610643	39.75	ng		99
52) 3-Nitroaniline	14.29	138	179880	41.88	ng		88
53) 2,4-Dinitrophenol	14.49	184	71244	34.29	ng	#	78
54) Dibenzofuran	14.77	168	865794	39.02	ng		93
55) 4-Nitrophenol	14.59	139	133725	37.70	ng		80
56) 2,4-Dinitrotoluene	14.74	165	230623	42.35	ng	#	71
57) Fluorene	15.43	166	715297	38.89	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.00	232	168497	40.74	ng	#	100
59) Diethylphthalate	15.20	149	794342	40.22	ng		98
60) 4-Chlorophenyl-phenylether	15.42	204	359309	38.63	ng		93
61) 4-Nitroaniline	15.45	138	174735	39.83	ng	#	75
62) Azobenzene	15.71	77	627442	40.52	ng		97
64) 4,6-Dinitro-2-methylphenol	15.51	198	115213	39.66	ng		82
65) n-Nitrosodiphenylamine	15.64	169	629067	41.32	ng		99
66) 4-Bromophenyl-phenylether	16.32	248	215201	41.45	ng	#	87
67) Hexachlorobenzene	16.43	284	228384	40.95	ng	#	81
68) Atrazine	16.59	200	202511	42.66	ng		97
69) Pentachlorophenol	16.77	266	129017	40.52	ng		98
70) Phenanthrene	17.16	178	1073033	39.72	ng		99
71) Anthracene	17.26	178	1085463	40.43	ng		99
72) Carbazole	17.53	167	943207	40.33	ng		100
73) Di-n-butylphthalate	18.09	149	1189826	43.52	ng		99
74) Fluoranthene	19.19	202	1103699	39.61	ng		98
76) Benzidine	19.37	184	529868	40.55	ng		99
77) Pyrene	19.55	202	1118303	39.10	ng		99
79) Butylbenzylphthalate	20.45	149	474962	43.12	ng		96
80) Benzo(a)anthracene	21.30	228	982780	40.19	ng		100
81) 3,3'-Dichlorobenzidine	21.23	252	338522	43.48	ng		99
82) Chrysene	21.35	228	934700	39.71	ng		99
83) Bis(2-ethylhexyl)phthalate	21.23	149	644938	42.69	ng		99
84) Di-n-octyl phthalate	22.11	149	1097356	43.96	ng	#	94
85) Indeno(1,2,3-cd)pyrene	25.84	276	1079341	43.65	ng	#	100
87) Benzo(b)fluoranthene	22.89	252	938258	39.67	ng		98
88) Benzo(k)fluoranthene	22.93	252	923689	40.00	ng		98
89) Benzo(a)pyrene	23.47	252	906924	40.76	ng	#	98
90) Dibenzo(a,h)anthracene	25.86	278	895587	41.23	ng		99
91) Benzo(g,h,i)perylene	26.54	276	920439	41.94	ng		100

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

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