Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
Data File : BF087228.D
Acq On : 20 May 2016 17:01
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 21 00:31:50 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	154133	20.00	ng		-0.05
21) Naphthalene-d8	7.85	136	658369	20.00	ng		-0.05
38) Acenaphthene-d10	9.59	164	304738	20.00	ng		-0.06
63) Phenanthrene-d10	11.07	188	562130	20.00	ng		-0.05
75) Chrysene-d12	13.70	240	385030	20.00	ng		-0.06
86) Perylene-d12	15.04	264	304802	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	721239	78.65	ng		-0.07
7) Phenol-d6	6.23	99	853551	69.40	ng		-0.06
23) Nitrobenzene-d5	7.14	82	980168	74.20	ng		-0.05
41) 2,4,6-Tribromophenol	10.39	330	236679	70.28	ng		-0.06
44) 2-Fluorobiphenyl	8.92	172	1341634	72.91	ng		-0.06
78) Terphenyl-d14	12.65	244	1355259	79.62	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	1.96	88	174609	37.02	ng	#	76
3) Pyridine	2.58	79	460313	40.34	ng	#	61
4) n-Nitrosodimethylamine	2.56	42	311185	38.48	ng	#	49
6) Aniline	6.23	93	595972	38.15	ng		93
8) 2-Chlorophenol	6.34	128	428854	38.44	ng	#	79
9) Benzaldehyde	6.10	77	243652	35.85	ng		95
10) Phenol	6.24	94	527784	34.14	ng	#	53
11) bis(2-Chloroethyl)ether	6.31	93	452643	38.99	ng		88
12) 1,3-Dichlorobenzene	6.49	146	446942m	37.69	ng		
13) 1,4-Dichlorobenzene	6.57	146	460107m	37.92	ng		
14) 1,2-Dichlorobenzene	6.73	146	426918	40.19	ng		99
15) Benzyl Alcohol	6.73	79	374243	40.87	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.84	45	920836	38.58	ng		89
17) 2-Methylphenol	6.86	107	346623	37.83	ng	#	83
18) Hexachloroethane	7.06	117	180900	38.99	ng		99
19) n-Nitroso-di-n-propylamine	6.99	70	323987	34.65	ng	#	64
20) 3+4-Methylphenols	7.02	107	469735	38.86	ng	#	59
22) Acetophenone	6.99	105	668242	41.48	ng	#	93
24) Nitrobenzene	7.16	77	530226	36.76	ng	#	88
25) Isophorone	7.40	82	948741	39.23	ng		97
26) 2-Nitrophenol	7.47	139	231060	38.67	ng	#	71
27) 2,4-Dimethylphenol	7.53	122	361469	35.45	ng	#	85
28) bis(2-Chloroethoxy)methane	7.62	93	539356	40.63	ng		99
29) 2,4-Dichlorophenol	7.72	162	364716	40.59	ng		95
30) 1,2,4-Trichlorobenzene	7.79	180	387388	38.85	ng		97
31) Naphthalene	7.87	128	1275772	39.66	ng		99
32) Benzoic acid	7.71	122	242088	39.83	ng	#	80
33) 4-Chloroaniline	7.94	127	490553	36.69	ng		99
34) Hexachlorobutadiene	7.99	225	239921	42.40	ng		98
35) Caprolactam	8.33	113	102666	34.31	ng	#	47
36) 4-Chloro-3-methylphenol	8.44	107	411036	37.92	ng		98
37) 2-Methylnaphthalene	8.56	142	760864m	36.98	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	384530	43.20	ng		99
40) Hexachlorocyclopentadiene	8.71	237	102775	34.82	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	224327	38.86	ng		91
43) 2,4,5-Trichlorophenol	8.90	196	223090	37.20	ng	#	94
45) 1,1'-Biphenyl	9.03	154	1113456	44.07	ng		97
46) 2-Chloronaphthalene	9.05	162	816523	42.09	ng		98
47) 2-Nitroaniline	9.16	65	294956	39.68	ng		98
48) Acenaphthylene	9.45	152	1122593	37.90	ng		99
49) Dimethylphthalate	9.34	163	868115	37.34	ng		99
50) 2,6-Dinitrotoluene	9.40	165	191530	37.94	ng	#	82
51) Acenaphthene	9.62	154	704640	38.08	ng		98
52) 3-Nitroaniline	9.58	138	212353	38.86	ng		84
53) 2,4-Dinitrophenol	9.69	184	96731	36.20	ng	#	80
54) Dibenzofuran	9.79	168	919041	38.41	ng	#	88
55) 4-Nitrophenol	9.77	139	81364m	33.74	ng		
56) 2,4-Dinitrotoluene	9.82	165	244001	37.74	ng	#	65
57) Fluorene	10.14	166	699283	36.37	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	184755	39.56	ng		97
59) Diethylphthalate	10.03	149	912693	41.13	ng		98
60) 4-Chlorophenyl-phenylether	10.14	204	382208	41.94	ng		93
61) 4-Nitroaniline	10.19	138	202891	37.61	ng	#	70
62) Azobenzene	10.30	77	1027560	40.18	ng		88
64) 4,6-Dinitro-2-methylphenol	10.23	198	137420	37.12	ng		90
65) n-Nitrosodiphenylamine	10.26	169	671176	37.94	ng		100
66) 4-Bromophenyl-phenylether	10.62	248	229672	39.73	ng	#	87
67) Hexachlorobenzene	10.68	284	242344	36.16	ng	#	73
68) Atrazine	10.80	200	234973	40.72	ng		95
69) Pentachlorophenol	10.89	266	92857	36.88	ng		95
70) Phenanthrene	11.10	178	1200811	39.39	ng		100
71) Anthracene	11.14	178	1107560	35.92	ng		100
72) Carbazole	11.31	167	1063639	37.76	ng		99
73) Di-n-butylphthalate	11.65	149	1374464	42.48	ng	#	99
74) Fluoranthene	12.27	202	1101833	36.07	ng		97
76) Benzidine	12.41	184	484652	48.06	ng		98
77) Pyrene	12.50	202	1214772	43.67	ng		100
79) Butylbenzylphthalate	13.13	149	569615	48.51	ng	#	83
80) Benzo(a)anthracene	13.69	228	860915	38.67	ng		98
81) 3,3'-Dichlorobenzidine	13.66	252	618284	43.65	ng		98
82) Chrysene	13.73	228	926518	43.01	ng		99
83) Bis(2-ethylhexyl)phthalate	13.69	149	710800	49.74	ng		98
84) Di-n-octyl phthalate	14.30	149	1129121	45.86	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.27	276	677337	35.83	ng		95
87) Benzo(b)fluoranthene	14.69	252	709846m	35.10	ng		
88) Benzo(k)fluoranthene	14.71	252	670517m	44.54	ng		
89) Benzo(a)pyrene	14.99	252	649687	38.44	ng		99
90) Dibenzo(a,h)anthracene	16.27	278	566798	39.83	ng		95
91) Benzo(g,h,i)perylene	16.63	276	576800	40.13	ng		97

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

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