Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084784.D
Acq On : 3 Feb 2016 10:22
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
MMDadoda
2/3/2016 6:25:52 PM

Quant Time: Feb 03 11:29:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	180802	20.00	ng		-0.03
21) Naphthalene-d8	7.98	136	738869	20.00	ng		-0.03
38) Acenaphthene-d10	9.74	164	351922	20.00	ng		-0.02
63) Phenanthrene-d10	11.22	188	659620	20.00	ng		-0.02
75) Chrysene-d12	13.85	240	442037	20.00	ng		-0.02
86) Perylene-d12	15.22	264	359521	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	918097	79.09	ng		-0.02
7) Phenol-d6	6.35	99	1076790	74.83	ng		-0.02
23) Nitrobenzene-d5	7.28	82	1074663	81.93	ng		-0.02
41) 2,4,6-Tribromophenol	10.53	330	306097	83.39	ng		-0.02
44) 2-Fluorobiphenyl	9.07	172	1831781	89.09	ng		-0.02
78) Terphenyl-d14	12.81	244	1751760	89.80	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	193603	38.08	ng	#	77
3) Pyridine	2.85	79	568343	42.90	ng	#	72
4) n-Nitrosodimethylamine	2.81	42	254247	37.11	ng		84
6) Aniline	6.36	93	702778	39.91	ng	#	80
8) 2-Chlorophenol	6.49	128	555125	42.25	ng		98
9) Benzaldehyde	6.25	77	336885	39.64	ng		86
10) Phenol	6.36	94	567674	35.21	ng	#	45
11) bis(2-Chloroethyl)ether	6.44	93	474021	37.71	ng		85
12) 1,3-Dichlorobenzene	6.64	146	534094	38.47	ng	#	94
13) 1,4-Dichlorobenzene	6.72	146	569731	41.05	ng		95
14) 1,2-Dichlorobenzene	6.88	146	484637	37.50	ng		93
15) Benzyl Alcohol	6.85	79	370030	37.24	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.99	45	798078	37.74	ng		87
17) 2-Methylphenol	6.98	107	430706	41.45	ng	#	93
18) Hexachloroethane	7.21	117	204860	38.33	ng		91
19) n-Nitroso-di-n-propylamine	7.13	70	338615	37.54	ng	#	74
20) 3+4-Methylphenols	7.13	107	513372	39.80	ng	#	66
22) Acetophenone	7.12	105	751892	38.61	ng	#	98
24) Nitrobenzene	7.29	77	499212	35.54	ng		93
25) Isophorone	7.54	82	1028139	40.31	ng		96
26) 2-Nitrophenol	7.61	139	278084	40.14	ng	#	87
27) 2,4-Dimethylphenol	7.66	122	456353	37.87	ng		87
28) bis(2-Chloroethoxy)methane	7.74	93	578464	38.23	ng		100
29) 2,4-Dichlorophenol	7.86	162	434241	42.12	ng		94
30) 1,2,4-Trichlorobenzene	7.93	180	445701	38.28	ng		95
31) Naphthalene	8.01	128	1343984	36.26	ng		99
32) Benzoic acid	7.80	122	321059	41.66	ng		96
33) 4-Chloroaniline	8.06	127	564226	36.81	ng		98
34) Hexachlorobutadiene	8.13	225	269464	40.13	ng		99
35) Caprolactam	8.45	113	125348	39.45	ng	#	56
36) 4-Chloro-3-methylphenol	8.56	107	443250	37.69	ng		92
37) 2-Methylnaphthalene	8.70	142	979376	42.22	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	411852	36.85	ng		99
40) Hexachlorocyclopentadiene	8.85	237	162296	41.33	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	301227	41.83	ng		94
43) 2,4,5-Trichlorophenol	9.02	196	281432	38.47	ng	#	82
45) 1,1'-Biphenyl	9.17	154	1237003	39.35	ng		94
46) 2-Chloronaphthalene	9.18	162	871174	37.63	ng		96
47) 2-Nitroaniline	9.29	65	271499	37.04	ng		99
48) Acenaphthylene	9.61	152	1379777	39.28	ng		99
49) Dimethylphthalate	9.48	163	1141939	42.60	ng	#	91
50) 2,6-Dinitrotoluene	9.54	165	253356	43.27	ng	#	82
51) Acenaphthene	9.78	154	879436	38.48	ng		97
52) 3-Nitroaniline	9.71	138	267806	40.70	ng	#	62
53) 2,4-Dinitrophenol	9.81	184	93195	37.78	ng		91
54) Dibenzofuran	9.95	168	1087045	38.92	ng		96
55) 4-Nitrophenol	9.88	139	172692	35.71	ng	#	84
56) 2,4-Dinitrotoluene	9.94	165	308597	41.32	ng	#	91
57) Fluorene	10.28	166	885315	37.96	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	212464	38.15	ng		92
59) Diethylphthalate	10.17	149	1043844	39.88	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	435774	44.37	ng		97
61) 4-Nitroaniline	10.32	138	242928	37.89	ng		91
62) Azobenzene	10.44	77	1067112	42.40	ng		94
64) 4,6-Dinitro-2-methylphenol	10.35	198	165341	40.61	ng		77
65) n-Nitrosodiphenylamine	10.41	169	876877	41.87	ng		98
66) 4-Bromophenyl-phenylether	10.77	248	309708	42.51	ng		97
67) Hexachlorobenzene	10.83	284	300421	37.84	ng	#	90
68) Atrazine	10.93	200	239852	36.26	ng		98
69) Pentachlorophenol	11.03	266	140052	37.54	ng		97
70) Phenanthrene	11.24	178	1325636	36.23	ng		97
71) Anthracene	11.30	178	1468362	39.83	ng		100
72) Carbazole	11.46	167	1288843	40.09	ng		97
73) Di-n-butylphthalate	11.79	149	1512982	36.97	ng	#	97
74) Fluoranthene	12.43	202	1434295	38.73	ng		93
76) Benzidine	12.56	184	342001	22.96	ng		99
77) Pyrene	12.65	202	1347666	39.82	ng		99
79) Butylbenzylphthalate	13.29	149	645365	42.03	ng	#	77
80) Benzo(a)anthracene	13.84	228	1042574	38.00	ng		98
81) 3,3'-Dichlorobenzidine	13.80	252	375923	38.70	ng	#	93
82) Chrysene	13.87	228	963133	36.20	ng		100
83) Bis(2-ethylhexyl)phthalate	13.85	149	796322	41.68	ng	#	95
84) Di-n-octyl phthalate	14.45	149	1235398	39.19	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.52	276	899651	42.96	ng		100
87) Benzo(b)fluoranthene	14.84	252	820025m	33.95	ng		
88) Benzo(k)fluoranthene	14.88	252	862256m	43.17	ng		
89) Benzo(a)pyrene	15.17	252	803862	39.06	ng		99
90) Dibenzo(a,h)anthracene	16.55	278	749719	43.27	ng	#	94
91) Benzo(g,h,i)perylene	16.91	276	756933	43.37	ng		98

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

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