Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082848.D
Acq On : 10 Nov 2015 2:19
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
11/10/2015 1:02:34 PM

Quant Time: Nov 10 03:37:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	275634	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	1045347	20.00	ng		-0.02
38) Acenaphthene-d10	9.87	164	503180	20.00	ng		-0.02
63) Phenanthrene-d10	11.36	188	959950	20.00	ng		-0.02
75) Chrysene-d12	14.00	240	787562	20.00	ng		-0.02
86) Perylene-d12	15.41	264	780893	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1310381	73.97	ng		-0.02
7) Phenol-d6	6.48	99	1874554	79.60	ng		0.00
23) Nitrobenzene-d5	7.40	82	1797663	74.83	ng		-0.01
41) 2,4,6-Tribromophenol	10.66	330	370066	64.14	ng		-0.02
44) 2-Fluorobiphenyl	9.20	172	2378126	67.74	ng		-0.02
78) Terphenyl-d14	12.94	244	2564147	77.22	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	348554	45.60	ng		98
3) Pyridine	3.12	79	1081371	48.75	ng		99
4) n-Nitrosodimethylamine	3.07	42	450765	40.98	ng	#	77
6) Aniline	6.50	93	1253723	37.92	ng		92
8) 2-Chlorophenol	6.61	128	709323	36.12	ng	#	80
9) Benzaldehyde	6.37	77	530732	40.79	ng		88
10) Phenol	6.49	94	1149393	43.01	ng		91
11) bis(2-Chloroethyl)ether	6.57	93	724339	36.25	ng		92
12) 1,3-Dichlorobenzene	6.77	146	865026m	39.06	ng		
13) 1,4-Dichlorobenzene	6.85	146	871307m	37.81	ng		
14) 1,2-Dichlorobenzene	7.00	146	713193	34.03	ng		95
15) Benzyl Alcohol	6.98	79	766214	37.05	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1137148	38.79	ng		98
17) 2-Methylphenol	7.09	107	615207	36.99	ng		96
18) Hexachloroethane	7.34	117	302210	36.67	ng		95
19) n-Nitroso-di-n-propylamine	7.25	70	619071	35.76	ng		91
20) 3+4-Methylphenols	7.25	107	796991	36.85	ng	#	82
22) Acetophenone	7.24	105	1084561	36.21	ng	#	91
24) Nitrobenzene	7.41	77	883106	35.95	ng	#	88
25) Isophorone	7.66	82	1688338	37.98	ng		97
26) 2-Nitrophenol	7.73	139	386226	37.66	ng	#	76
27) 2,4-Dimethylphenol	7.78	122	655049	35.55	ng		93
28) bis(2-Chloroethoxy)methane	7.87	93	871109	34.74	ng		98
29) 2,4-Dichlorophenol	7.98	162	653662	39.25	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	716196	38.24	ng		98
31) Naphthalene	8.14	128	2163761	37.52	ng		100
32) Benzoic acid	7.92	122	499882	39.63	ng		87
33) 4-Chloroaniline	8.19	127	899148	36.17	ng		92
34) Hexachlorobutadiene	8.27	225	438468	37.41	ng		99
35) Caprolactam	8.58	113	219555	41.82	ng	#	57
36) 4-Chloro-3-methylphenol	8.68	107	746533	38.12	ng	#	79
37) 2-Methylnaphthalene	8.83	142	1238475	33.19	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	642090	38.83	ng		97
40) Hexachlorocyclopentadiene	8.99	237	323712	36.44	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	484601	39.26	ng		98
43) 2,4,5-Trichlorophenol	9.15	196	465888	38.16	ng	#	92
45) 1,1'-Biphenyl	9.30	154	1629560	37.74	ng		96
46) 2-Chloronaphthalene	9.32	162	1298913	38.57	ng		98
47) 2-Nitroaniline	9.41	65	520364	41.65	ng	#	84
48) Acenaphthylene	9.73	152	1903380	36.06	ng		99
49) Dimethylphthalate	9.61	163	1653662	40.11	ng	#	98
50) 2,6-Dinitrotoluene	9.66	165	340726	38.73	ng	#	53
51) Acenaphthene	9.90	154	1225286	36.63	ng		100
52) 3-Nitroaniline	9.82	138	368270	38.07	ng	#	85
53) 2,4-Dinitrophenol	9.93	184	190035	39.35	ng	#	21
54) Dibenzofuran	10.08	168	1592122	35.30	ng		95
55) 4-Nitrophenol	9.98	139	264778	35.68	ng	#	79
56) 2,4-Dinitrotoluene	10.06	165	503360	42.18	ng	#	67
57) Fluorene	10.42	166	1222906	33.48	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.20	232	396460	39.79	ng	#	86
59) Diethylphthalate	10.30	149	1557392	38.69	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	661127	36.17	ng		94
61) 4-Nitroaniline	10.44	138	399933	41.11	ng	#	78
62) Azobenzene	10.58	77	1742941	40.31	ng		93
64) 4,6-Dinitro-2-methylphenol	10.48	198	270625	39.57	ng	#	68
65) n-Nitrosodiphenylamine	10.53	169	1186660	34.22	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	394146	34.10	ng	#	72
67) Hexachlorobenzene	10.97	284	426222	33.02	ng	#	89
68) Atrazine	11.06	200	374222	34.90	ng		97
69) Pentachlorophenol	11.16	266	304957	38.91	ng		98
70) Phenanthrene	11.38	178	1974167	35.41	ng		100
71) Anthracene	11.44	178	2126419	36.21	ng		98
72) Carbazole	11.58	167	1926707	37.48	ng		100
73) Di-n-butylphthalate	11.93	149	2375643	37.09	ng	#	98
74) Fluoranthene	12.57	202	2282598	38.16	ng		98
76) Benzidine	12.68	184	1112314	42.14	ng		98
77) Pyrene	12.80	202	2267951	41.93	ng		100
79) Butylbenzylphthalate	13.41	149	947746	39.66	ng		94
80) Benzo(a)anthracene	13.97	228	1902645	38.63	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	752937	43.00	ng	#	96
82) Chrysene	14.02	228	1842906	40.86	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	1321176	40.40	ng	#	99
84) Di-n-octyl phthalate	14.59	149	2294610	42.06	ng		97
85) Indeno(1,2,3-cd)pyrene	16.80	276	1766298	45.47	ng	#	95
87) Benzo(b)fluoranthene	15.01	252	2029305m	40.49	ng		
88) Benzo(k)fluoranthene	15.04	252	1422204m	31.98	ng		
89) Benzo(a)pyrene	15.36	252	1596776	36.77	ng		96
90) Dibenzo(a,h)anthracene	16.81	278	1439714	39.15	ng	#	95
91) Benzo(g,h,i)perylene	17.21	276	1404348	39.87	ng	#	95

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

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