Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082447.D
Acq On : 22 Oct 2015 15:58
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mmdadoda
10/23/2015 4:45:08 PM

Quant Time: Oct 23 01:21:28 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 13:20:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	160045	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	639690	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	331075	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	641944	20.00	ng		0.00
75) Chrysene-d12	14.00	240	577784	20.00	ng		-0.01
86) Perylene-d12	15.53	264	467620	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	665358	83.90	ng		0.00
7) Phenol-d6	6.42	99	772160	74.82	ng		0.00
23) Nitrobenzene-d5	7.35	82	772580	81.11	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	191206	61.58	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	1540423	77.16	ng		0.00
78) Terphenyl-d14	12.89	244	1526617	70.02	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	142136	35.67	ng		99
3) Pyridine	2.97	79	394128	42.53	ng		99
4) n-Nitrosodimethylamine	2.96	42	167808	42.70	ng		95
6) Aniline	6.43	93	521771	39.22	ng	#	48
8) 2-Chlorophenol	6.55	128	360593	37.25	ng	#	80
9) Benzaldehyde	6.31	77	216682	41.12	ng		94
10) Phenol	6.43	94	407121	34.22	ng	#	54
11) bis(2-Chloroethyl)ether	6.51	93	361531	35.93	ng		96
12) 1,3-Dichlorobenzene	6.70	146	418125	37.09	ng		96
13) 1,4-Dichlorobenzene	6.78	146	412564	35.04	ng		97
14) 1,2-Dichlorobenzene	6.94	146	426479	38.15	ng		95
15) Benzyl Alcohol	6.93	79	308212	43.26	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.05	45	475155	33.91	ng		78
17) 2-Methylphenol	7.04	107	282759	36.94	ng	#	93
18) Hexachloroethane	7.27	117	145031	35.99	ng		95
19) n-Nitroso-di-n-propylamine	7.20	70	274544	37.88	ng		94
20) 3+4-Methylphenols	7.20	107	348394	38.19	ng	#	66
22) Acetophenone	7.19	105	484329	38.27	ng	#	91
24) Nitrobenzene	7.36	77	361812	35.09	ng		99
25) Isophorone	7.60	82	727212	37.83	ng		99
26) 2-Nitrophenol	7.68	139	224090	43.53	ng		95
27) 2,4-Dimethylphenol	7.73	122	340228	41.02	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	447963	40.05	ng		99
29) 2,4-Dichlorophenol	7.92	162	316647	38.19	ng		93
30) 1,2,4-Trichlorobenzene	8.00	180	377247	39.47	ng		98
31) Naphthalene	8.08	128	1082124	39.02	ng		99
32) Benzoic acid	7.89	122	197430	35.46	ng		98
33) 4-Chloroaniline	8.14	127	449450	39.03	ng		97
34) Hexachlorobutadiene	8.19	225	204525	34.34	ng		98
35) Caprolactam	8.54	113	108868	45.24	ng	#	79
36) 4-Chloro-3-methylphenol	8.64	107	348213	42.94	ng	#	84
37) 2-Methylnaphthalene	8.77	142	694084	36.11	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	367393	37.31	ng		100
40) Hexachlorocyclopentadiene	8.91	237	118302	29.58	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	253592	38.77	ng		98
43) 2,4,5-Trichlorophenol	9.11	196	246159	34.74	ng		95
45) 1,1'-Biphenyl	9.23	154	846277	33.52	ng		99
46) 2-Chloronaphthalene	9.26	162	697908	35.12	ng	#	93
47) 2-Nitroaniline	9.37	65	246727	45.22	ng		87
48) Acenaphthylene	9.68	152	1179498	38.10	ng		100
49) Dimethylphthalate	9.55	163	905119	38.82	ng		99
50) 2,6-Dinitrotoluene	9.61	165	180668	36.73	ng	#	70
51) Acenaphthene	9.85	154	683884	36.80	ng		100
52) 3-Nitroaniline	9.78	138	218839	39.38	ng		84
53) 2,4-Dinitrophenol	9.90	184	90521	36.69	ng		90
54) Dibenzofuran	10.02	168	945905	37.07	ng		100
55) 4-Nitrophenol	9.97	139	126815	40.90	ng		95
56) 2,4-Dinitrotoluene	10.02	165	262545	42.70	ng		97
57) Fluorene	10.37	166	815675	38.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	208445	36.01	ng		96
59) Diethylphthalate	10.25	149	855654	39.37	ng		95
60) 4-Chlorophenyl-phenylether	10.35	204	338182	35.23	ng		98
61) 4-Nitroaniline	10.41	138	225033	41.75	ng		95
62) Azobenzene	10.51	77	746789	35.11	ng		99
64) 4,6-Dinitro-2-methylphenol	10.43	198	154041	42.76	ng		89
65) n-Nitrosodiphenylamine	10.48	169	685711	35.68	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	220675	34.35	ng		96
67) Hexachlorobenzene	10.91	284	240407	34.60	ng		99
68) Atrazine	11.02	200	230043	37.78	ng		99
69) Pentachlorophenol	11.11	266	129691	36.27	ng		98
70) Phenanthrene	11.33	178	1117716	35.52	ng		99
71) Anthracene	11.38	178	1310021	40.40	ng		99
72) Carbazole	11.54	167	1182385	39.97	ng		98
73) Di-n-butylphthalate	11.86	149	1258437	34.49	ng		99
74) Fluoranthene	12.52	202	1203651	35.62	ng		97
76) Benzidine	12.65	184	634928	37.92	ng		98
77) Pyrene	12.74	202	1297095	37.83	ng		100
79) Butylbenzylphthalate	13.38	149	593990	37.96	ng		98
80) Benzo(a)anthracene	13.99	228	1143895	38.05	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	423471	37.11	ng		100
82) Chrysene	14.04	228	1175641	37.11	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	785555	35.19	ng		99
84) Di-n-octyl phthalate	14.66	149	1383906	36.10	ng		100
85) Indeno(1,2,3-cd)pyrene	16.94	276	879009	34.91	ng		98
87) Benzo(b)fluoranthene	15.12	252	1036663	36.44	ng		99
88) Benzo(k)fluoranthene	15.16	252	986821m	41.27	ng		
89) Benzo(a)pyrene	15.48	252	924138	37.80	ng	#	98
90) Dibenzo(a,h)anthracene	16.95	278	728000	36.33	ng		99
91) Benzo(g,h,i)perylene	17.35	276	708846	36.42	ng		98

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

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