Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
Data File : BF081196.D
Acq On : 25 Aug 2015 5:46
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
MMDadoda
8/25/2015 12:39:41 PM

Quant Time: Aug 25 11:11:01 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 13:58:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	76464	20.00	ng		0.01
21) Naphthalene-d8	7.83	136	291722	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	132868	20.00	ng		0.00
63) Phenanthrene-d10	11.04	188	238412	20.00	ng		0.00
75) Chrysene-d12	13.66	240	160772	20.00	ng		0.00
86) Perylene-d12	14.99	264	125844	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	407852	80.23	ng		0.01
7) Phenol-d6	6.20	99	513767	77.46	ng		0.00
23) Nitrobenzene-d5	7.12	82	494895	77.50	ng		0.00
41) 2,4,6-Tribromophenol	10.36	330	76626	66.53	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	829925	81.84	ng		0.01
78) Terphenyl-d14	12.63	244	636414	84.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	95849	40.01	ng	#	91
3) Pyridine	2.55	79	286564	42.38	ng	#	81
4) n-Nitrosodimethylamine	2.52	42	144728	38.44	ng	#	71
6) Aniline	6.21	93	362851	37.62	ng	#	56
8) 2-Chlorophenol	6.33	128	227040	40.80	ng	#	81
9) Benzaldehyde	6.08	77	165571	38.72	ng		99
10) Phenol	6.21	94	277691	35.45	ng	#	62
11) bis(2-Chloroethyl)ether	6.30	93	243775	40.56	ng		95
12) 1,3-Dichlorobenzene	6.48	146	230337	38.52	ng	#	94
13) 1,4-Dichlorobenzene	6.56	146	230668	38.96	ng		96
14) 1,2-Dichlorobenzene	6.72	146	207295m	37.41	ng		
15) Benzyl Alcohol	6.70	79	195697	36.47	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.85	45	463030	39.20	ng		97
17) 2-Methylphenol	6.82	107	188321	39.44	ng		95
18) Hexachloroethane	7.05	117	82451	34.47	ng		94
19) n-Nitroso-di-n-propylamine	6.98	70	180006	39.18	ng		90
20) 3+4-Methylphenols	6.98	107	239626	39.54	ng	#	45
22) Acetophenone	6.97	105	334467	43.67	ng	#	85
24) Nitrobenzene	7.14	77	270753	40.55	ng	#	86
25) Isophorone	7.38	82	488803	41.05	ng		97
26) 2-Nitrophenol	7.45	139	106516	38.36	ng	#	85
27) 2,4-Dimethylphenol	7.51	122	212544	43.27	ng		92
28) bis(2-Chloroethoxy)methane	7.60	93	272185	38.69	ng		99
29) 2,4-Dichlorophenol	7.70	162	172582	41.73	ng		97
30) 1,2,4-Trichlorobenzene	7.77	180	180652	39.30	ng		96
31) Naphthalene	7.85	128	612974	37.69	ng		99
32) Benzoic acid	7.66	122	119100	43.10	ng	#	77
33) 4-Chloroaniline	7.91	127	247490	36.07	ng		95
34) Hexachlorobutadiene	7.98	225	110447	42.49	ng		99
35) Caprolactam	8.30	113	53668	37.13	ng	#	81
36) 4-Chloro-3-methylphenol	8.40	107	185744	37.68	ng		98
37) 2-Methylnaphthalene	8.54	142	384550	37.44	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	180083	42.01	ng		99
40) Hexachlorocyclopentadiene	8.70	237	27414	12.36	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	113873	37.60	ng		98
43) 2,4,5-Trichlorophenol	8.87	196	125496	41.46	ng		95
45) 1,1'-Biphenyl	9.01	154	442029	37.77	ng		95
46) 2-Chloronaphthalene	9.03	162	387877	41.25	ng		97
47) 2-Nitroaniline	9.13	65	177661	46.17	ng	#	85
48) Acenaphthylene	9.44	152	640827	38.10	ng		99
49) Dimethylphthalate	9.33	163	444680	40.64	ng		99
50) 2,6-Dinitrotoluene	9.37	165	84940	36.15	ng	#	61
51) Acenaphthene	9.61	154	365907	36.34	ng		99
52) 3-Nitroaniline	9.54	138	128475	43.70	ng		88
53) 2,4-Dinitrophenol	9.65	184	10593	12.07	ng	#	64
54) Dibenzofuran	9.78	168	486351	36.05	ng		96
55) 4-Nitrophenol	9.72	139	81398	39.42	ng	#	61
56) 2,4-Dinitrotoluene	9.77	165	99127	31.83	ng	#	59
57) Fluorene	10.12	166	346571	33.39	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	82311m	35.14	ng		
59) Diethylphthalate	10.01	149	418338	36.12	ng		98
60) 4-Chlorophenyl-phenylether	10.12	204	161765	36.83	ng		97
61) 4-Nitroaniline	10.15	138	111027	36.95	ng		92
62) Azobenzene	10.28	77	529150	39.65	ng		96
64) 4,6-Dinitro-2-methylphenol	10.18	198	16536	11.61	ng	#	48
65) n-Nitrosodiphenylamine	10.24	169	375423	44.11	ng		99
66) 4-Bromophenyl-phenylether	10.61	248	100382	42.86	ng		98
67) Hexachlorobenzene	10.66	284	104015	43.85	ng		95
68) Atrazine	10.77	200	76506	32.27	ng		98
69) Pentachlorophenol	10.86	266	53677	37.72	ng		96
70) Phenanthrene	11.06	178	481326	34.07	ng		99
71) Anthracene	11.12	178	566320	41.19	ng		99
72) Carbazole	11.28	167	541904	40.94	ng		99
73) Di-n-butylphthalate	11.62	149	653999	40.83	ng		99
74) Fluoranthene	12.24	202	490547	32.17	ng		93
76) Benzidine	12.38	184	270836	44.59	ng		99
77) Pyrene	12.47	202	537665	41.14	ng		98
79) Butylbenzylphthalate	13.11	149	251996	44.86	ng		97
80) Benzo(a)anthracene	13.65	228	411778	38.19	ng		99
81) 3,3'-Dichlorobenzidine	13.63	252	150024	42.96	ng	#	96
82) Chrysene	13.68	228	318915	32.82	ng		99
83) Bis(2-ethylhexyl)phthalate	13.67	149	329012	45.72	ng	#	98
84) Di-n-octyl phthalate	14.28	149	520819	47.62	ng		100
85) Indeno(1,2,3-cd)pyrene	16.17	276	299681	43.93	ng	#	94
87) Benzo(b)fluoranthene	14.64	252	376941m	42.35	ng		
88) Benzo(k)fluoranthene	14.67	252	274628m	33.11	ng		
89) Benzo(a)pyrene	14.94	252	308156	39.73	ng		97
90) Dibenzo(a,h)anthracene	16.19	278	251443	41.61	ng	#	95
91) Benzo(g,h,i)perylene	16.52	276	235989	38.49	ng	#	88

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

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