Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082042.D
Acq On : 5 Oct 2015 13:19
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
MMDadoda
10/6/2015 2:53:44 PM

Quant Time: Oct 05 15:52:23 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	119327	20.00	ng		-0.06
21) Naphthalene-d8	8.17	136	467857	20.00	ng		-0.05
38) Acenaphthene-d10	9.93	164	236573	20.00	ng		-0.05
63) Phenanthrene-d10	11.42	188	442893	20.00	ng		-0.05
75) Chrysene-d12	14.06	240	382939	20.00	ng		-0.06
86) Perylene-d12	15.51	264	344319	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	484225	73.67	ng		-0.04
7) Phenol-d6	6.51	99	605328	73.18	ng		-0.05
23) Nitrobenzene-d5	7.45	82	558377	79.56	ng		-0.05
41) 2,4,6-Tribromophenol	10.72	330	160600	67.03	ng		-0.05
44) 2-Fluorobiphenyl	9.25	172	1098398	76.13	ng		-0.06
78) Terphenyl-d14	13.01	244	1102934	96.64	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	107213	37.50	ng		87
3) Pyridine	3.23	79	296006	39.77	ng		87
4) n-Nitrosodimethylamine	3.20	42	117578	34.78	ng		97
6) Aniline	6.55	93	384974	34.64	ng		90
8) 2-Chlorophenol	6.66	128	269048	37.06	ng		84
9) Benzaldehyde	6.43	77	181056	33.43	ng	#	81
10) Phenol	6.53	94	330168	35.58	ng	#	66
11) bis(2-Chloroethyl)ether	6.63	93	285693	39.70	ng		89
12) 1,3-Dichlorobenzene	6.82	146	321076	37.45	ng	#	94
13) 1,4-Dichlorobenzene	6.90	146	343344	38.35	ng	#	95
14) 1,2-Dichlorobenzene	7.05	146	291771m	36.57	ng		
15) Benzyl Alcohol	7.03	79	212226	35.54	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.17	45	367729	36.15	ng		82
17) 2-Methylphenol	7.14	107	226366	38.46	ng	#	86
18) Hexachloroethane	7.39	117	111196	39.67	ng	#	85
19) n-Nitroso-di-n-propylamine	7.30	70	181806	36.16	ng	#	77
20) 3+4-Methylphenols	7.29	107	273518	36.80	ng	#	70
22) Acetophenone	7.30	105	377651	39.48	ng	#	82
24) Nitrobenzene	7.47	77	294983	38.71	ng	#	69
25) Isophorone	7.71	82	527428	37.91	ng	#	91
26) 2-Nitrophenol	7.79	139	165656	45.28	ng	#	86
27) 2,4-Dimethylphenol	7.83	122	260862	40.53	ng	#	82
28) bis(2-Chloroethoxy)methane	7.93	93	301894	36.54	ng		96
29) 2,4-Dichlorophenol	8.03	162	251974	40.38	ng		97
30) 1,2,4-Trichlorobenzene	8.11	180	275101	39.49	ng		98
31) Naphthalene	8.19	128	778346	37.55	ng		97
32) Benzoic acid	7.95	122	169786	44.70	ng	#	67
33) 4-Chloroaniline	8.25	127	339372	37.86	ng	#	94
34) Hexachlorobutadiene	8.31	225	166941	40.52	ng		99
35) Caprolactam	8.63	113	69416	40.18	ng	#	82
36) 4-Chloro-3-methylphenol	8.73	107	252834	41.44	ng		93
37) 2-Methylnaphthalene	8.89	142	528984	37.38	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	280924	38.68	ng		98
40) Hexachlorocyclopentadiene	9.04	237	143683	38.42	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	195205	39.20	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	189068	36.93	ng	#	93
45) 1,1'-Biphenyl	9.35	154	631316	34.59	ng		94
46) 2-Chloronaphthalene	9.38	162	532592	37.16	ng		97
47) 2-Nitroaniline	9.47	65	155449	36.95	ng	#	74
48) Acenaphthylene	9.79	152	869853	37.92	ng		96
49) Dimethylphthalate	9.66	163	616298	37.74	ng	#	98
50) 2,6-Dinitrotoluene	9.73	165	132919	37.49	ng	#	86
51) Acenaphthene	9.97	154	543479	39.90	ng		88
52) 3-Nitroaniline	9.90	138	157355	38.36	ng	#	92
53) 2,4-Dinitrophenol	10.00	184	71294	53.56	ng	#	81
54) Dibenzofuran	10.14	168	726881	37.76	ng	#	90
55) 4-Nitrophenol	10.05	139	105357	35.55	ng	#	51
56) 2,4-Dinitrotoluene	10.13	165	186515	41.27	ng	#	98
57) Fluorene	10.48	166	569704	41.20	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.25	232	162691	40.06	ng		95
59) Diethylphthalate	10.35	149	592221	38.83	ng		98
60) 4-Chlorophenyl-phenylether	10.47	204	249373	35.39	ng	#	83
61) 4-Nitroaniline	10.51	138	160801	39.10	ng	#	61
62) Azobenzene	10.63	77	543947	36.54	ng		89
64) 4,6-Dinitro-2-methylphenol	10.53	198	94054	47.02	ng		88
65) n-Nitrosodiphenylamine	10.59	169	519460	38.77	ng		91
66) 4-Bromophenyl-phenylether	10.96	248	167959	37.61	ng		93
67) Hexachlorobenzene	11.03	284	179565	35.63	ng	#	75
68) Atrazine	11.12	200	156788	37.71	ng		84
69) Pentachlorophenol	11.22	266	109657	38.19	ng		99
70) Phenanthrene	11.44	178	789615	36.74	ng		95
71) Anthracene	11.50	178	885497	39.34	ng		98
72) Carbazole	11.66	167	777725	38.17	ng		97
73) Di-n-butylphthalate	11.98	149	893741	43.01	ng	#	98
74) Fluoranthene	12.63	202	852274	35.92	ng		90
76) Benzidine	12.76	184	438805	38.03	ng	#	97
77) Pyrene	12.86	202	831244	36.34	ng		95
79) Butylbenzylphthalate	13.48	149	365181	42.42	ng	#	85
80) Benzo(a)anthracene	14.05	228	784492	38.04	ng		95
81) 3,3'-Dichlorobenzidine	14.01	252	302540	43.44	ng	#	96
82) Chrysene	14.09	228	812631	45.32	ng		94
83) Bis(2-ethylhexyl)phthalate	14.04	149	503090	46.59	ng	#	93
84) Di-n-octyl phthalate	14.65	149	885436	50.39	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.94	276	655691	40.65	ng	#	87
87) Benzo(b)fluoranthene	15.09	252	670200	34.09	ng	#	88
88) Benzo(k)fluoranthene	15.12	252	786782m	43.67	ng		
89) Benzo(a)pyrene	15.45	252	678166	39.77	ng	#	84
90) Dibenzo(a,h)anthracene	16.96	278	544847	38.08	ng	#	81
91) Benzo(g,h,i)perylene	17.37	276	518249	35.35	ng	#	76

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

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