Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081729.D
Acq On : 22 Sep 2015 2:02
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
9/22/2015 2:15:39 PM

Quant Time: Sep 22 03:49:11 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 01:19:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	43960	20.00	ng		-0.01
21) Naphthalene-d8	11.06	136	177771	20.00	ng		-0.01
38) Acenaphthene-d10	15.20	164	88108	20.00	ng		-0.01
63) Phenanthrene-d10	18.70	188	187620	20.00	ng		-0.01
75) Chrysene-d12	23.35	240	152172	20.00	ng		-0.01
86) Perylene-d12	24.79	264	113877	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	205875	72.66	ng		-0.01
7) Phenol-d6	7.60	99	293083	78.15	ng		-0.03
23) Nitrobenzene-d5	9.48	82	304267	82.58	ng		-0.03
41) 2,4,6-Tribromophenol	17.11	330	63758	81.27	ng		-0.02
44) 2-Fluorobiphenyl	13.72	172	559705	81.41	ng		-0.02
78) Terphenyl-d14	22.07	244	545906	83.51	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.52	88	142357	111.87	ng	#	42
3) Pyridine	2.02	79	114907	32.75	ng	#	79
4) n-Nitrosodimethylamine	2.00	42	92440	47.42	ng	#	58
6) Aniline	7.48	93	202770	38.29	ng	#	85
8) 2-Chlorophenol	7.72	128	122269	39.16	ng	#	77
9) Benzaldehyde	7.19	77	81064	34.50	ng	#	71
10) Phenol	7.64	94	160039	36.80	ng	#	56
11) bis(2-Chloroethyl)ether	7.70	93	126338	40.26	ng	#	79
12) 1,3-Dichlorobenzene	8.01	146	129511	38.82	ng	#	89
13) 1,4-Dichlorobenzene	8.20	146	133035	39.17	ng	#	89
14) 1,2-Dichlorobenzene	8.52	146	125847	41.15	ng	#	87
15) Benzyl Alcohol	8.62	79	126038	40.97	ng	#	68
16) 2,2'-oxybis(1-Chloropropan	8.93	45	249924	41.55	ng		95
17) 2-Methylphenol	8.96	107	100544	40.36	ng	#	79
18) Hexachloroethane	9.25	117	54908	41.55	ng		90
19) n-Nitroso-di-n-propylamine	9.25	70	108036	42.33	ng	#	89
20) 3+4-Methylphenols	9.34	107	127323	37.91	ng		84
22) Acetophenone	9.16	105	184305	37.96	ng	#	70
24) Nitrobenzene	9.52	77	160682	41.99	ng	#	66
25) Isophorone	10.12	82	276633	40.36	ng	#	85
26) 2-Nitrophenol	10.24	139	63089	37.83	ng	#	20
27) 2,4-Dimethylphenol	10.53	122	111014	38.54	ng	#	76
28) bis(2-Chloroethoxy)methane	10.71	93	159691	40.34	ng	#	92
29) 2,4-Dichlorophenol	10.87	162	95986	38.43	ng		93
30) 1,2,4-Trichlorobenzene	10.97	180	111010	40.91	ng		96
31) Naphthalene	11.11	128	374692	39.52	ng		98
32) Benzoic acid	11.05	122	28977	15.89	ng	#	43
33) 4-Chloroaniline	11.36	127	157179	40.65	ng	#	81
34) Hexachlorobutadiene	11.46	225	71834	43.50	ng		98
35) Caprolactam	12.36	113	30495	39.81	ng	#	19
36) 4-Chloro-3-methylphenol	12.69	107	122547	43.83	ng	#	74
37) 2-Methylnaphthalene	12.77	142	255942	41.48	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	13.17	216	108820	39.05	ng		98
40) Hexachlorocyclopentadiene	13.15	237	38833	28.40	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	70989	36.92	ng		98
43) 2,4,5-Trichlorophenol	13.66	196	72908	37.16	ng	#	84
45) 1,1'-Biphenyl	13.91	154	307927	37.99	ng		97
46) 2-Chloronaphthalene	13.90	162	230623	39.40	ng	#	88
47) 2-Nitroaniline	14.27	65	101374	42.49	ng	#	58
48) Acenaphthylene	14.86	152	399759	38.49	ng		97
49) Dimethylphthalate	14.80	163	280676	41.00	ng	#	97
50) 2,6-Dinitrotoluene	14.91	165	58739	37.81	ng	#	43
51) Acenaphthene	15.28	154	226096	38.27	ng		90
52) 3-Nitroaniline	15.27	138	67622	38.23	ng	#	44
53) 2,4-Dinitrophenol	15.58	184	19315	29.04	ng	#	12
54) Dibenzofuran	15.71	168	334358	38.76	ng	#	85
55) 4-Nitrophenol	15.95	139	19059	17.15	ng	#	1
56) 2,4-Dinitrotoluene	15.85	165	80133	40.51	ng	#	46
57) Fluorene	16.52	166	278120	42.48	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.08	232	52589	35.11	ng		91
59) Diethylphthalate	16.49	149	313033	43.47	ng		96
60) 4-Chlorophenyl-phenylether	16.61	204	133026	43.60	ng	#	90
61) 4-Nitroaniline	16.75	138	64322	35.99	ng	#	18
62) Azobenzene	16.97	77	337417	42.15	ng		81
64) 4,6-Dinitro-2-methylphenol	16.83	198	37485	35.72	ng		90
65) n-Nitrosodiphenylamine	16.93	169	246764	36.14	ng		92
66) 4-Bromophenyl-phenylether	17.75	248	75832	39.97	ng		95
67) Hexachlorobenzene	17.80	284	78097	39.37	ng	#	85
68) Atrazine	18.35	200	73751	37.33	ng		83
69) Pentachlorophenol	18.37	266	9594	17.59	ng		92
70) Phenanthrene	18.77	178	402825	38.62	ng		97
71) Anthracene	18.88	178	406217	37.91	ng		98
72) Carbazole	19.37	167	380626	37.85	ng		97
73) Di-n-butylphthalate	20.41	149	513499	43.24	ng	#	98
74) Fluoranthene	21.39	202	458365	40.59	ng		90
76) Benzidine	21.72	184	252643	38.67	ng		99
77) Pyrene	21.74	202	442842	39.29	ng		98
79) Butylbenzylphthalate	22.77	149	206412	42.11	ng	#	78
80) Benzo(a)anthracene	23.34	228	377826	38.99	ng		97
81) 3,3'-Dichlorobenzidine	23.35	252	126358	38.65	ng	#	94
82) Chrysene	23.39	228	366969	42.24	ng		94
83) Bis(2-ethylhexyl)phthalate	23.45	149	303562	46.92	ng	#	88
84) Di-n-octyl phthalate	24.12	149	486521	45.67	ng		96
85) Indeno(1,2,3-cd)pyrene	25.83	276	261428	41.02	ng	#	83
87) Benzo(b)fluoranthene	24.45	252	286280m	35.21	ng		
88) Benzo(k)fluoranthene	24.47	252	283694m	42.05	ng		
89) Benzo(a)pyrene	24.75	252	276500	40.13	ng	#	82
90) Dibenzo(a,h)anthracene	25.84	278	217413	40.84	ng	#	75
91) Benzo(g,h,i)perylene	26.13	276	194887	38.36	ng	#	72

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

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