Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091815\
Data File : BF081694.D
Acq On : 18 Sep 2015 12:56
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
9/21/2015 2:21:54 PM

Quant Time: Sep 18 23:19:59 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	63511	20.00	ng		-0.04
21) Naphthalene-d8	11.08	136	259156	20.00	ng		-0.04
38) Acenaphthene-d10	15.21	164	125610	20.00	ng		-0.04
63) Phenanthrene-d10	18.71	188	259375	20.00	ng		-0.04
75) Chrysene-d12	23.36	240	195673	20.00	ng		-0.02
86) Perylene-d12	24.79	264	137550	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	322267	78.73	ng		-0.03
7) Phenol-d6	7.61	99	445186	82.16	ng		-0.03
23) Nitrobenzene-d5	9.50	82	447528	83.32	ng		-0.03
41) 2,4,6-Tribromophenol	17.12	330	94687	84.66	ng		-0.04
44) 2-Fluorobiphenyl	13.73	172	805615	82.19	ng		-0.04
78) Terphenyl-d14	22.08	244	767565	91.31	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.53	88	172193	93.66	ng	#	49
3) Pyridine	2.05	79	187582	37.00	ng	#	81
4) n-Nitrosodimethylamine	2.02	42	133633	47.45	ng	#	57
6) Aniline	7.49	93	302346	39.51	ng	#	83
8) 2-Chlorophenol	7.73	128	184216	40.84	ng	#	78
9) Benzaldehyde	7.20	77	117174	34.51	ng	#	73
10) Phenol	7.64	94	236403	37.62	ng	#	49
11) bis(2-Chloroethyl)ether	7.72	93	185033	40.81	ng	#	64
12) 1,3-Dichlorobenzene	8.02	146	190430	39.51	ng	#	87
13) 1,4-Dichlorobenzene	8.21	146	196799	40.10	ng	#	88
14) 1,2-Dichlorobenzene	8.54	146	184320	41.72	ng	#	91
15) Benzyl Alcohol	8.63	79	187594	42.20	ng	#	70
16) 2,2'-oxybis(1-Chloropropan	8.94	45	388557	44.71	ng		90
17) 2-Methylphenol	8.97	107	149713	41.60	ng	#	79
18) Hexachloroethane	9.27	117	81481	42.68	ng	#	87
19) n-Nitroso-di-n-propylamine	9.27	70	164453	44.59	ng	#	84
20) 3+4-Methylphenols	9.35	107	198176	40.84	ng	#	86
22) Acetophenone	9.18	105	278522	39.35	ng	#	72
24) Nitrobenzene	9.53	77	236649	42.42	ng	#	63
25) Isophorone	10.13	82	417016	41.74	ng	#	83
26) 2-Nitrophenol	10.25	139	95904	39.45	ng	#	21
27) 2,4-Dimethylphenol	10.53	122	164678	39.22	ng	#	72
28) bis(2-Chloroethoxy)methane	10.72	93	235448	40.80	ng	#	92
29) 2,4-Dichlorophenol	10.87	162	147881	40.61	ng		93
30) 1,2,4-Trichlorobenzene	10.98	180	164030	41.47	ng		98
31) Naphthalene	11.13	128	552019	39.94	ng		98
32) Benzoic acid	11.09	122	89339	30.76	ng	#	51
33) 4-Chloroaniline	11.37	127	232461	41.24	ng	#	85
34) Hexachlorobutadiene	11.48	225	105604	43.87	ng		99
35) Caprolactam	12.37	113	44698m	40.02	ng		
36) 4-Chloro-3-methylphenol	12.69	107	182780	44.84	ng	#	73
37) 2-Methylnaphthalene	12.78	142	370077	41.15	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	13.18	216	159249	40.09	ng		98
40) Hexachlorocyclopentadiene	13.16	237	64571	33.12	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	111078	40.52	ng		98
43) 2,4,5-Trichlorophenol	13.64	196	111336	39.81	ng	#	87
45) 1,1'-Biphenyl	13.92	154	448044	38.77	ng		95
46) 2-Chloronaphthalene	13.91	162	333234	39.93	ng	#	85
47) 2-Nitroaniline	14.27	65	146279	43.01	ng	#	58
48) Acenaphthylene	14.86	152	586622	39.62	ng		97
49) Dimethylphthalate	14.81	163	407174	41.72	ng	#	97
50) 2,6-Dinitrotoluene	14.91	165	85979	38.82	ng	#	25
51) Acenaphthene	15.29	154	324676	38.55	ng		91
52) 3-Nitroaniline	15.27	138	97436	38.64	ng	#	47
53) 2,4-Dinitrophenol	15.56	184	36786	36.53	ng	#	21
54) Dibenzofuran	15.72	168	492262	40.03	ng	#	86
55) 4-Nitrophenol	15.89	139	57358	36.21	ng	#	4
56) 2,4-Dinitrotoluene	15.87	165	116255	41.22	ng	#	66
57) Fluorene	16.53	166	398506	42.70	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.08	232	86644	40.58	ng	#	88
59) Diethylphthalate	16.51	149	447576	43.60	ng		96
60) 4-Chlorophenyl-phenylether	16.62	204	191019	43.91	ng	#	87
61) 4-Nitroaniline	16.75	138	92776	36.42	ng	#	18
62) Azobenzene	16.99	77	485139	42.51	ng		82
64) 4,6-Dinitro-2-methylphenol	16.83	198	56965	39.27	ng	#	64
65) n-Nitrosodiphenylamine	16.94	169	353153	37.42	ng		92
66) 4-Bromophenyl-phenylether	17.76	248	108560	41.39	ng		97
67) Hexachlorobenzene	17.81	284	109627	39.98	ng	#	81
68) Atrazine	18.36	200	104128	38.12	ng		81
69) Pentachlorophenol	18.36	266	41965	36.74	ng		96
70) Phenanthrene	18.77	178	575705	39.92	ng		97
71) Anthracene	18.89	178	570528	38.51	ng		98
72) Carbazole	19.37	167	533177	38.35	ng		96
73) Di-n-butylphthalate	20.41	149	735361	44.80	ng	#	98
74) Fluoranthene	21.40	202	612831	39.26	ng		88
76) Benzidine	21.72	184	285645	34.01	ng		97
77) Pyrene	21.74	202	609262	42.03	ng		98
79) Butylbenzylphthalate	22.77	149	292218	46.36	ng	#	73
80) Benzo(a)anthracene	23.34	228	496805	39.87	ng		98
81) 3,3'-Dichlorobenzidine	23.35	252	159291	37.90	ng	#	95
82) Chrysene	23.39	228	432248	38.70	ng		95
83) Bis(2-ethylhexyl)phthalate	23.47	149	406885	48.91	ng	#	91
84) Di-n-octyl phthalate	24.12	149	586938	42.85	ng		96
85) Indeno(1,2,3-cd)pyrene	25.83	276	328379	40.07	ng	#	83
87) Benzo(b)fluoranthene	24.45	252	341397m	34.76	ng		
88) Benzo(k)fluoranthene	24.48	252	371285m	45.57	ng		
89) Benzo(a)pyrene	24.75	252	333631	40.09	ng	#	83
90) Dibenzo(a,h)anthracene	25.84	278	279509	43.47	ng	#	75
91) Benzo(g,h,i)perylene	26.13	276	255497	41.63	ng	#	75

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

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