Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081625.D
Acq On : 15 Sep 2015 11:57
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
9/16/2015 1:23:01 PM

Quant Time: Sep 15 14:04:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 14 13:51:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	65975	20.00	ng		-0.01
21) Naphthalene-d8	11.12	136	268208	20.00	ng		-0.01
38) Acenaphthene-d10	15.26	164	128739	20.00	ng		-0.01
63) Phenanthrene-d10	18.76	188	265338	20.00	ng		-0.01
75) Chrysene-d12	23.38	240	191326	20.00	ng		-0.01
86) Perylene-d12	24.81	264	129750	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	325368	76.52	ng		-0.02
7) Phenol-d6	7.65	99	447037	79.42	ng		-0.01
23) Nitrobenzene-d5	9.53	82	443917	79.85	ng		-0.01
41) 2,4,6-Tribromophenol	17.17	330	92571	80.76	ng		-0.01
44) 2-Fluorobiphenyl	13.77	172	806941	80.32	ng		-0.01
78) Terphenyl-d14	22.12	244	743417	90.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.57	88	75388	39.47	ng	#	94
3) Pyridine	2.08	79	183326	34.81	ng	#	81
4) n-Nitrosodimethylamine	2.06	42	135397	46.28	ng	#	59
6) Aniline	7.52	93	304959	38.37	ng	#	82
8) 2-Chlorophenol	7.77	128	187069	39.92	ng		83
9) Benzaldehyde	7.23	77	122731	34.80	ng	#	74
10) Phenol	7.67	94	228933	35.07	ng	#	51
11) bis(2-Chloroethyl)ether	7.76	93	189063	40.15	ng	#	60
12) 1,3-Dichlorobenzene	8.07	146	195304	39.01	ng	#	89
13) 1,4-Dichlorobenzene	8.25	146	198872	39.01	ng	#	90
14) 1,2-Dichlorobenzene	8.57	146	189119	41.20	ng	#	88
15) Benzyl Alcohol	8.66	79	187395	40.58	ng	#	71
16) 2,2'-oxybis(1-Chloropropan	8.98	45	401785	44.51	ng		65
17) 2-Methylphenol	9.01	107	152188	40.70	ng	#	81
18) Hexachloroethane	9.31	117	82477	41.59	ng	#	84
19) n-Nitroso-di-n-propylamine	9.29	70	165231	43.13	ng	#	91
20) 3+4-Methylphenols	9.38	107	199935	39.66	ng	#	87
22) Acetophenone	9.21	105	279746	38.19	ng	#	73
24) Nitrobenzene	9.57	77	230740	39.97	ng	#	63
25) Isophorone	10.16	82	420650	40.68	ng	#	83
26) 2-Nitrophenol	10.30	139	96058	38.18	ng	#	41
27) 2,4-Dimethylphenol	10.57	122	169963	39.11	ng	#	78
28) bis(2-Chloroethoxy)methane	10.75	93	243626	40.79	ng	#	92
29) 2,4-Dichlorophenol	10.90	162	148902	39.51	ng		91
30) 1,2,4-Trichlorobenzene	11.03	180	165438	40.41	ng		97
31) Naphthalene	11.17	128	559502	39.12	ng		99
32) Benzoic acid	11.09	122	72910	24.80	ng	#	54
33) 4-Chloroaniline	11.41	127	230073	39.43	ng	#	83
34) Hexachlorobutadiene	11.52	225	107538	43.16	ng		97
35) Caprolactam	12.39	113	43172m	37.35	ng		
36) 4-Chloro-3-methylphenol	12.72	107	179343	42.52	ng	#	75
37) 2-Methylnaphthalene	12.82	142	372127	39.98	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	13.22	216	162036	39.80	ng		99
40) Hexachlorocyclopentadiene	13.21	237	74631	37.35	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.58	196	111344	39.63	ng		99
43) 2,4,5-Trichlorophenol	13.68	196	113834	39.71	ng	#	90
45) 1,1'-Biphenyl	13.97	154	457372	38.62	ng		95
46) 2-Chloronaphthalene	13.96	162	333851	39.03	ng	#	86
47) 2-Nitroaniline	14.31	65	145886	41.85	ng	#	64
48) Acenaphthylene	14.92	152	586543	38.65	ng		97
49) Dimethylphthalate	14.86	163	411475	41.14	ng	#	97
50) 2,6-Dinitrotoluene	14.95	165	83718	36.88	ng	#	33
51) Acenaphthene	15.34	154	327369	37.92	ng		90
52) 3-Nitroaniline	15.32	138	102782	39.77	ng	#	53
53) 2,4-Dinitrophenol	15.59	184	33532	33.23	ng	#	21
54) Dibenzofuran	15.76	168	490732	38.93	ng	#	86
55) 4-Nitrophenol	15.92	139	56875	35.03	ng	#	6
56) 2,4-Dinitrotoluene	15.90	165	115995	40.13	ng	#	52
57) Fluorene	16.57	166	404520	42.29	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.13	232	91358	41.74	ng		94
59) Diethylphthalate	16.55	149	458695	43.60	ng		96
60) 4-Chlorophenyl-phenylether	16.66	204	193363	43.37	ng	#	86
61) 4-Nitroaniline	16.78	138	94831	36.32	ng	#	20
62) Azobenzene	17.03	77	496347	42.43	ng		81
64) 4,6-Dinitro-2-methylphenol	16.87	198	59302	39.96	ng		86
65) n-Nitrosodiphenylamine	16.98	169	357521	37.03	ng		92
66) 4-Bromophenyl-phenylether	17.81	248	109189	40.70	ng	#	89
67) Hexachlorobenzene	17.86	284	112572	40.13	ng	#	89
68) Atrazine	18.40	200	113001	40.44	ng		79
69) Pentachlorophenol	18.40	266	46018	38.76	ng		98
70) Phenanthrene	18.82	178	572589	38.82	ng		97
71) Anthracene	18.95	178	584273	38.55	ng		98
72) Carbazole	19.42	167	529106	37.20	ng		96
73) Di-n-butylphthalate	20.47	149	758808	45.18	ng	#	98
74) Fluoranthene	21.43	202	626972	39.26	ng		90
76) Benzidine	21.74	184	273001	33.24	ng		98
77) Pyrene	21.78	202	643411	45.40	ng		97
79) Butylbenzylphthalate	22.80	149	288869	46.87	ng	#	74
80) Benzo(a)anthracene	23.37	228	517240	42.45	ng		98
81) 3,3'-Dichlorobenzidine	23.38	252	182397	44.38	ng	#	93
82) Chrysene	23.42	228	444534	40.70	ng		94
83) Bis(2-ethylhexyl)phthalate	23.50	149	396798	48.78	ng	#	94
84) Di-n-octyl phthalate	24.15	149	615116	45.93	ng		96
85) Indeno(1,2,3-cd)pyrene	25.88	276	321459	40.12	ng	#	84
87) Benzo(b)fluoranthene	24.48	252	398294m	43.00	ng		
88) Benzo(k)fluoranthene	24.50	252	305330m	39.72	ng		
89) Benzo(a)pyrene	24.77	252	299763	38.19	ng	#	88
90) Dibenzo(a,h)anthracene	25.89	278	279083	46.01	ng	#	75
91) Benzo(g,h,i)perylene	26.17	276	256070	44.23	ng	#	76

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

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