Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081397.D
Acq On : 4 Sep 2015 2:06
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
9/4/2015 2:51:30 PM

Quant Time: Sep 04 03:50:02 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 02:03:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	58828	20.00	ng		-0.01
21) Naphthalene-d8	7.66	136	220992	20.00	ng		-0.01
38) Acenaphthene-d10	9.40	164	109209	20.00	ng		0.00
63) Phenanthrene-d10	10.87	188	218987	20.00	ng		0.00
75) Chrysene-d12	13.47	240	170555	20.00	ng		0.00
86) Perylene-d12	14.78	264	107309	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.91	112	301828	79.60	ng		0.00
7) Phenol-d6	6.04	99	418172	83.32	ng		0.00
23) Nitrobenzene-d5	6.95	82	359452	78.48	ng		0.00
41) 2,4,6-Tribromophenol	10.19	330	77159	79.35	ng		0.00
44) 2-Fluorobiphenyl	8.74	172	589412	69.16	ng		-0.01
78) Terphenyl-d14	12.45	244	573842	78.32	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.68	88	63454	37.26	ng		93
3) Pyridine	2.23	79	166282	35.41	ng		95
4) n-Nitrosodimethylamine	2.19	42	103075	39.51	ng		80
6) Aniline	6.03	93	289304	40.82	ng	#	81
8) 2-Chlorophenol	6.16	128	164954	39.48	ng		96
9) Benzaldehyde	5.91	77	119954	38.14	ng	#	83
10) Phenol	6.06	94	252324	43.35	ng	#	64
11) bis(2-Chloroethyl)ether	6.12	93	174733	41.61	ng		90
12) 1,3-Dichlorobenzene	6.31	146	184982	41.44	ng	#	93
13) 1,4-Dichlorobenzene	6.39	146	181226	39.87	ng	#	91
14) 1,2-Dichlorobenzene	6.54	146	150382	36.75	ng	#	86
15) Benzyl Alcohol	6.54	79	155117	37.68	ng	#	72
16) 2,2'-oxybis(1-Chloropropan	6.67	45	318018	39.51	ng	#	11
17) 2-Methylphenol	6.67	107	137352	41.20	ng	#	78
18) Hexachloroethane	6.88	117	67831	38.36	ng		94
19) n-Nitroso-di-n-propylamine	6.81	70	135978	39.81	ng	#	88
20) 3+4-Methylphenols	6.83	107	187223	41.65	ng		87
22) Acetophenone	6.80	105	236219	39.13	ng	#	75
24) Nitrobenzene	6.97	77	217503	45.73	ng	#	64
25) Isophorone	7.22	82	350183	41.10	ng	#	89
26) 2-Nitrophenol	7.29	139	91645	44.20	ng	#	62
27) 2,4-Dimethylphenol	7.35	122	141213	39.44	ng	#	75
28) bis(2-Chloroethoxy)methane	7.44	93	191004	38.81	ng	#	90
29) 2,4-Dichlorophenol	7.54	162	126989	40.90	ng		99
30) 1,2,4-Trichlorobenzene	7.61	180	144491	42.83	ng		99
31) Naphthalene	7.68	128	452545	38.40	ng		98
32) Benzoic acid	7.51	122	91222	36.33	ng	#	55
33) 4-Chloroaniline	7.75	127	192175	39.98	ng	#	82
34) Hexachlorobutadiene	7.82	225	84817	41.32	ng		98
35) Caprolactam	8.14	113	38315	40.23	ng	#	26
36) 4-Chloro-3-methylphenol	8.25	107	137090	39.44	ng	#	70
37) 2-Methylnaphthalene	8.38	142	336898	43.93	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	120814	34.98	ng		97
40) Hexachlorocyclopentadiene	8.52	237	54724	32.29	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	92565	38.83	ng		99
43) 2,4,5-Trichlorophenol	8.71	196	96044	39.50	ng	#	86
45) 1,1'-Biphenyl	8.84	154	400509	39.86	ng		94
46) 2-Chloronaphthalene	8.86	162	267923	36.93	ng	#	88
47) 2-Nitroaniline	8.97	65	131145	44.35	ng	#	72
48) Acenaphthylene	9.27	152	508731	39.52	ng		98
49) Dimethylphthalate	9.16	163	340845	40.17	ng	#	97
50) 2,6-Dinitrotoluene	9.21	165	66197	34.37	ng	#	3
51) Acenaphthene	9.44	154	296870	40.54	ng		91
52) 3-Nitroaniline	9.38	138	97713	44.57	ng	#	60
53) 2,4-Dinitrophenol	9.48	184	30883	38.07	ng	#	10
54) Dibenzofuran	9.61	168	417775	39.07	ng	#	90
55) 4-Nitrophenol	9.58	139	51508m	37.40	ng		
56) 2,4-Dinitrotoluene	9.61	165	84609	34.50	ng	#	20
57) Fluorene	9.94	166	297808	36.70	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.74	232	79249	42.69	ng		95
59) Diethylphthalate	9.85	149	322846	36.17	ng		94
60) 4-Chlorophenyl-phenylether	9.95	204	155225	41.04	ng		98
61) 4-Nitroaniline	9.99	138	81734	36.90	ng	#	29
62) Azobenzene	10.10	77	367496	37.03	ng	#	81
64) 4,6-Dinitro-2-methylphenol	10.02	198	47975	39.17	ng	#	74
65) n-Nitrosodiphenylamine	10.07	169	281105	35.28	ng		93
66) 4-Bromophenyl-phenylether	10.43	248	89509	40.42	ng		99
67) Hexachlorobenzene	10.49	284	89822	38.80	ng	#	79
68) Atrazine	10.62	200	84854	36.80	ng		83
69) Pentachlorophenol	10.68	266	44876	44.21	ng		98
70) Phenanthrene	10.89	178	442785	36.37	ng		96
71) Anthracene	10.95	178	468588	37.46	ng		98
72) Carbazole	11.11	167	448249	38.19	ng		96
73) Di-n-butylphthalate	11.46	149	555150	40.05	ng	#	98
74) Fluoranthene	12.07	202	528865	40.13	ng		85
76) Benzidine	12.21	184	250480	34.21	ng		98
77) Pyrene	12.29	202	527750	41.77	ng		99
79) Butylbenzylphthalate	12.94	149	232972	42.40	ng	#	86
80) Benzo(a)anthracene	13.46	228	424375	39.07	ng		98
81) 3,3'-Dichlorobenzidine	13.45	252	135381	36.95	ng	#	90
82) Chrysene	13.51	228	385408	39.58	ng		96
83) Bis(2-ethylhexyl)phthalate	13.51	149	281646	38.84	ng		94
84) Di-n-octyl phthalate	14.11	149	414870	34.75	ng		98
85) Indeno(1,2,3-cd)pyrene	15.86	276	262727	36.78	ng	#	86
87) Benzo(b)fluoranthene	14.46	252	362036m	47.26	ng		
88) Benzo(k)fluoranthene	14.48	252	255596m	40.21	ng		
89) Benzo(a)pyrene	14.73	252	250023	38.51	ng	#	89
90) Dibenzo(a,h)anthracene	15.87	278	215758	43.01	ng	#	80
91) Benzo(g,h,i)perylene	16.18	276	221494	46.26	ng	#	73

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

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