Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081103.D
Acq On : 20 Aug 2015 2:37
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:41:40 PM

Quant Time: Aug 20 03:07:50 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	60538	20.00	ng		-0.04
21) Naphthalene-d8	7.88	136	252022	20.00	ng		-0.03
38) Acenaphthene-d10	9.62	164	121644	20.00	ng		-0.03
63) Phenanthrene-d10	11.09	188	234185	20.00	ng		-0.04
75) Chrysene-d12	13.71	240	177031	20.00	ng		-0.04
86) Perylene-d12	15.04	264	168742	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	325771	80.94	ng		-0.04
7) Phenol-d6	6.23	99	448304	85.37	ng		-0.03
23) Nitrobenzene-d5	7.17	82	452579	82.03	ng		-0.02
41) 2,4,6-Tribromophenol	10.40	330	76190	72.26	ng		-0.04
44) 2-Fluorobiphenyl	8.96	172	700625	75.47	ng		-0.03
78) Terphenyl-d14	12.68	244	726373	87.96	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	78512	41.40	ng	#	91
3) Pyridine	2.63	79	199657	37.30	ng	#	80
4) n-Nitrosodimethylamine	2.58	42	118325	39.70	ng	#	78
6) Aniline	6.25	93	318899	41.76	ng	#	67
8) 2-Chlorophenol	6.37	128	179689	40.79	ng		99
9) Benzaldehyde	6.13	77	136326	40.27	ng		97
10) Phenol	6.25	94	251582	40.56	ng		88
11) bis(2-Chloroethyl)ether	6.33	93	188943	39.70	ng		94
12) 1,3-Dichlorobenzene	6.53	146	204974	43.30	ng		96
13) 1,4-Dichlorobenzene	6.61	146	207213	44.21	ng		98
14) 1,2-Dichlorobenzene	6.76	146	164576	37.51	ng		97
15) Benzyl Alcohol	6.74	79	176828	41.62	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.88	45	364230	38.95	ng		99
17) 2-Methylphenol	6.86	107	154953	40.99	ng		96
18) Hexachloroethane	7.10	117	75532	39.88	ng		97
19) n-Nitroso-di-n-propylamine	7.02	70	148172	40.73	ng		91
20) 3+4-Methylphenols	7.02	107	187021	38.98	ng	#	60
22) Acetophenone	7.01	105	246759	37.29	ng	#	90
24) Nitrobenzene	7.18	77	207073	35.90	ng		96
25) Isophorone	7.43	82	416395	40.47	ng	#	93
26) 2-Nitrophenol	7.50	139	106457	44.38	ng	#	71
27) 2,4-Dimethylphenol	7.54	122	153566	36.19	ng		96
28) bis(2-Chloroethoxy)methane	7.65	93	252950	41.62	ng		98
29) 2,4-Dichlorophenol	7.74	162	140707	39.38	ng		88
30) 1,2,4-Trichlorobenzene	7.82	180	150111	37.80	ng		98
31) Naphthalene	7.90	128	579504	41.25	ng		99
32) Benzoic acid	7.68	122	92553	38.77	ng		92
33) 4-Chloroaniline	7.96	127	249676	42.12	ng	#	90
34) Hexachlorobutadiene	8.02	225	96623	43.03	ng		97
35) Caprolactam	8.34	113	54608	43.73	ng	#	49
36) 4-Chloro-3-methylphenol	8.45	107	186629	43.83	ng		97
37) 2-Methylnaphthalene	8.58	142	332345	37.45	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	154107	39.27	ng		98
40) Hexachlorocyclopentadiene	8.74	237	81562	40.15	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	109982	39.67	ng		98
43) 2,4,5-Trichlorophenol	8.90	196	100657	36.32	ng	#	86
45) 1,1'-Biphenyl	9.05	154	399944	37.33	ng		96
46) 2-Chloronaphthalene	9.08	162	334701	38.88	ng		98
47) 2-Nitroaniline	9.18	65	134855	38.28	ng	#	58
48) Acenaphthylene	9.49	152	590761	38.37	ng		99
49) Dimethylphthalate	9.36	163	355864	35.52	ng		99
50) 2,6-Dinitrotoluene	9.42	165	73486	34.17	ng	#	68
51) Acenaphthene	9.66	154	348691	37.83	ng		100
52) 3-Nitroaniline	9.59	138	110779	41.16	ng	#	70
53) 2,4-Dinitrophenol	9.69	184	51343	47.65	ng	#	54
54) Dibenzofuran	9.83	168	470067	38.05	ng		98
55) 4-Nitrophenol	9.75	139	70319	37.20	ng		84
56) 2,4-Dinitrotoluene	9.82	165	107388	37.67	ng	#	79
57) Fluorene	10.16	166	323333	34.03	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	78617m	36.66	ng		
59) Diethylphthalate	10.06	149	395478	37.30	ng		98
60) 4-Chlorophenyl-phenylether	10.16	204	141455	35.18	ng		96
61) 4-Nitroaniline	10.20	138	104693	38.06	ng		91
62) Azobenzene	10.32	77	471969	38.63	ng		96
64) 4,6-Dinitro-2-methylphenol	10.23	198	63160	45.16	ng	#	37
65) n-Nitrosodiphenylamine	10.29	169	347409	41.56	ng		98
66) 4-Bromophenyl-phenylether	10.65	248	95713	41.60	ng		94
67) Hexachlorobenzene	10.71	284	98752	42.38	ng		98
68) Atrazine	10.81	200	86059	36.95	ng		96
69) Pentachlorophenol	10.90	266	60029	42.94	ng		100
70) Phenanthrene	11.12	178	520746	37.52	ng		100
71) Anthracene	11.17	178	540081	39.99	ng		99
72) Carbazole	11.33	167	554872	42.67	ng		100
73) Di-n-butylphthalate	11.67	149	603500	38.36	ng		98
74) Fluoranthene	12.29	202	547698	36.57	ng		92
76) Benzidine	12.43	184	325791	48.72	ng		100
77) Pyrene	12.52	202	561411	39.01	ng		99
79) Butylbenzylphthalate	13.16	149	303749	49.10	ng	#	84
80) Benzo(a)anthracene	13.69	228	525848	44.29	ng		99
81) 3,3'-Dichlorobenzidine	13.67	252	163338	42.47	ng		98
82) Chrysene	13.74	228	525926	49.15	ng		99
83) Bis(2-ethylhexyl)phthalate	13.72	149	375327	47.37	ng	#	97
84) Di-n-octyl phthalate	14.32	149	633462	52.60	ng		98
85) Indeno(1,2,3-cd)pyrene	16.25	276	392804	52.29	ng	#	94
87) Benzo(b)fluoranthene	14.69	252	594863m	49.84	ng		
88) Benzo(k)fluoranthene	14.72	252	327917m	29.48	ng		
89) Benzo(a)pyrene	15.00	252	403938	38.84	ng	#	95
90) Dibenzo(a,h)anthracene	16.28	278	319822	39.47	ng	#	96
91) Benzo(g,h,i)perylene	16.62	276	312059	37.96	ng	#	90

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

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