Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081101.D
Acq On : 20 Aug 2015 1:35
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:41:34 PM

Quant Time: Aug 20 02:08:54 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	61476	20.00	ng		-0.04
21) Naphthalene-d8	7.88	136	253865	20.00	ng		-0.03
38) Acenaphthene-d10	9.62	164	122855	20.00	ng		-0.03
63) Phenanthrene-d10	11.09	188	239356	20.00	ng		-0.04
75) Chrysene-d12	13.71	240	183773	20.00	ng		-0.04
86) Perylene-d12	15.04	264	174525	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	333559	81.61	ng		-0.04
7) Phenol-d6	6.23	99	463289	86.87	ng		-0.03
23) Nitrobenzene-d5	7.17	82	459992	82.77	ng		-0.02
41) 2,4,6-Tribromophenol	10.40	330	78741	73.94	ng		-0.04
44) 2-Fluorobiphenyl	8.96	172	726958	77.53	ng		-0.03
78) Terphenyl-d14	12.68	244	745927	87.02	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	82527	42.85	ng	#	88
3) Pyridine	2.63	79	211253	38.86	ng	#	80
4) n-Nitrosodimethylamine	2.58	42	122296	40.41	ng	#	77
6) Aniline	6.25	93	322191	41.55	ng	#	56
8) 2-Chlorophenol	6.37	128	177239	39.62	ng		97
9) Benzaldehyde	6.13	77	139271	40.51	ng		97
10) Phenol	6.25	94	273498	43.42	ng		93
11) bis(2-Chloroethyl)ether	6.33	93	188029	38.91	ng		91
12) 1,3-Dichlorobenzene	6.53	146	208155	43.30	ng		97
13) 1,4-Dichlorobenzene	6.61	146	214341	45.03	ng		98
14) 1,2-Dichlorobenzene	6.76	146	170560	38.29	ng		97
15) Benzyl Alcohol	6.74	79	174309	40.40	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.88	45	367914	38.74	ng		100
17) 2-Methylphenol	6.86	107	160608	41.84	ng		94
18) Hexachloroethane	7.10	117	75967	39.50	ng		97
19) n-Nitroso-di-n-propylamine	7.02	70	158993	43.04	ng		93
20) 3+4-Methylphenols	7.02	107	188421	38.67	ng	#	60
22) Acetophenone	7.01	105	248389	37.27	ng	#	91
24) Nitrobenzene	7.18	77	213147	36.68	ng		95
25) Isophorone	7.43	82	424954	41.00	ng	#	95
26) 2-Nitrophenol	7.50	139	107877	44.64	ng	#	72
27) 2,4-Dimethylphenol	7.54	122	158275	37.02	ng		95
28) bis(2-Chloroethoxy)methane	7.65	93	259945	42.46	ng		99
29) 2,4-Dichlorophenol	7.74	162	143986	40.01	ng		89
30) 1,2,4-Trichlorobenzene	7.82	180	151757	37.94	ng		98
31) Naphthalene	7.90	128	572945	40.49	ng		99
32) Benzoic acid	7.68	122	112279	46.69	ng		93
33) 4-Chloroaniline	7.96	127	249529	41.79	ng	#	90
34) Hexachlorobutadiene	8.02	225	98040	43.34	ng		98
35) Caprolactam	8.34	113	56605	45.00	ng	#	65
36) 4-Chloro-3-methylphenol	8.45	107	189387	44.15	ng		97
37) 2-Methylnaphthalene	8.58	142	338433	37.86	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	159021	40.12	ng		99
40) Hexachlorocyclopentadiene	8.74	237	82570	40.25	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	114237	40.79	ng		97
43) 2,4,5-Trichlorophenol	8.90	196	103672	37.04	ng	#	85
45) 1,1'-Biphenyl	9.05	154	404907	37.42	ng		95
46) 2-Chloronaphthalene	9.08	162	344500	39.63	ng		97
47) 2-Nitroaniline	9.18	65	143612	40.37	ng	#	59
48) Acenaphthylene	9.49	152	603948	38.84	ng		99
49) Dimethylphthalate	9.36	163	356179	35.20	ng		98
50) 2,6-Dinitrotoluene	9.42	165	75759	34.87	ng	#	67
51) Acenaphthene	9.66	154	356971	38.34	ng		100
52) 3-Nitroaniline	9.59	138	118732	43.68	ng	#	73
53) 2,4-Dinitrophenol	9.69	184	54635	49.78	ng	#	51
54) Dibenzofuran	9.83	168	485508	38.92	ng		98
55) 4-Nitrophenol	9.75	139	70554	36.95	ng	#	84
56) 2,4-Dinitrotoluene	9.82	165	105112	36.51	ng	#	75
57) Fluorene	10.16	166	347443	36.20	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	83738m	38.66	ng		
59) Diethylphthalate	10.06	149	405811	37.89	ng		97
60) 4-Chlorophenyl-phenylether	10.16	204	151709	37.36	ng		98
61) 4-Nitroaniline	10.20	138	103974	37.42	ng		91
62) Azobenzene	10.32	77	471403	38.20	ng		96
64) 4,6-Dinitro-2-methylphenol	10.23	198	67074	46.92	ng	#	40
65) n-Nitrosodiphenylamine	10.29	169	345560	40.44	ng		98
66) 4-Bromophenyl-phenylether	10.65	248	97206	41.34	ng	#	94
67) Hexachlorobenzene	10.71	284	102498	43.04	ng		98
68) Atrazine	10.81	200	92580	38.89	ng		98
69) Pentachlorophenol	10.90	266	63007	44.10	ng		99
70) Phenanthrene	11.12	178	554519	39.09	ng		99
71) Anthracene	11.17	178	547876	39.69	ng		100
72) Carbazole	11.33	167	581584	43.76	ng		100
73) Di-n-butylphthalate	11.67	149	631853	39.29	ng		98
74) Fluoranthene	12.29	202	580048	37.89	ng		91
76) Benzidine	12.43	184	305543	44.01	ng		99
77) Pyrene	12.52	202	580777	38.87	ng		99
79) Butylbenzylphthalate	13.16	149	315779	49.17	ng	#	86
80) Benzo(a)anthracene	13.69	228	560964	45.52	ng		99
81) 3,3'-Dichlorobenzidine	13.67	252	167490	41.96	ng		97
82) Chrysene	13.74	228	539958	48.61	ng		99
83) Bis(2-ethylhexyl)phthalate	13.72	149	382569	46.51	ng	#	97
84) Di-n-octyl phthalate	14.32	149	654909	52.39	ng		98
85) Indeno(1,2,3-cd)pyrene	16.25	276	419116	53.75	ng	#	94
87) Benzo(b)fluoranthene	14.69	252	613050m	49.66	ng		
88) Benzo(k)fluoranthene	14.72	252	337158m	29.31	ng		
89) Benzo(a)pyrene	15.00	252	418538	38.91	ng	#	96
90) Dibenzo(a,h)anthracene	16.28	278	344094	41.05	ng	#	97
91) Benzo(g,h,i)perylene	16.62	276	329483	38.75	ng	#	91

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

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