Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
Data File : BF082570.D
Acq On : 28 Oct 2015 3:01
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 28 14:51:09 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 02:43:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	98189	20.00	ng		-0.02
21) Naphthalene-d8	8.00	136	393062	20.00	ng		-0.02
38) Acenaphthene-d10	9.75	164	176970	20.00	ng		-0.02
63) Phenanthrene-d10	11.23	188	314661	20.00	ng		-0.02
75) Chrysene-d12	13.88	240	207739	20.00	ng		-0.03
86) Perylene-d12	15.28	264	217375	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	421822	84.81	ng		-0.01
7) Phenol-d6	6.38	99	488094	75.29	ng		0.00
23) Nitrobenzene-d5	7.29	82	468782	76.94	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	102326	77.22	ng		-0.02
44) 2-Fluorobiphenyl	9.09	172	956416	85.94	ng		-0.01
78) Terphenyl-d14	12.82	244	718775	99.68	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	90660	36.32	ng		96
3) Pyridine	2.88	79	246136	42.30	ng		99
4) n-Nitrosodimethylamine	2.86	42	101832	39.79	ng		97
6) Aniline	6.38	93	326317	39.95	ng	#	77
8) 2-Chlorophenol	6.50	128	240910	41.30	ng		99
9) Benzaldehyde	6.26	77	137617	43.48	ng		95
10) Phenol	6.39	94	302343	41.08	ng		95
11) bis(2-Chloroethyl)ether	6.46	93	213978	36.64	ng		95
12) 1,3-Dichlorobenzene	6.65	146	281837m	40.50	ng		
13) 1,4-Dichlorobenzene	6.73	146	281662	39.34	ng		96
14) 1,2-Dichlorobenzene	6.88	146	260587m	39.22	ng		
15) Benzyl Alcohol	6.87	79	182126	40.36	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	305939	38.69	ng	#	32
17) 2-Methylphenol	6.99	107	189385	40.48	ng		92
18) Hexachloroethane	7.21	117	93619	38.41	ng	#	88
19) n-Nitroso-di-n-propylamine	7.14	70	177870	42.12	ng		99
20) 3+4-Methylphenols	7.15	107	243635	40.76	ng		95
22) Acetophenone	7.13	105	327985	38.46	ng	#	96
24) Nitrobenzene	7.31	77	266279	39.14	ng		97
25) Isophorone	7.54	82	452169	37.36	ng		94
26) 2-Nitrophenol	7.62	139	129186	39.31	ng	#	68
27) 2,4-Dimethylphenol	7.68	122	208890	39.11	ng		96
28) bis(2-Chloroethoxy)methane	7.76	93	266672	37.57	ng		99
29) 2,4-Dichlorophenol	7.87	162	212388	39.86	ng		98
30) 1,2,4-Trichlorobenzene	7.94	180	232216	38.55	ng		97
31) Naphthalene	8.02	128	675921	37.63	ng		99
32) Benzoic acid	7.83	122	97047	32.43	ng		97
33) 4-Chloroaniline	8.09	127	275614	39.58	ng		98
34) Hexachlorobutadiene	8.14	225	140099	40.21	ng		99
35) Caprolactam	8.48	113	51790	34.97	ng		94
36) 4-Chloro-3-methylphenol	8.58	107	205846	39.73	ng		94
37) 2-Methylnaphthalene	8.72	142	452300	37.27	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	226247	42.35	ng		99
40) Hexachlorocyclopentadiene	8.86	237	9622	17.90	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	143477	43.09	ng		97
43) 2,4,5-Trichlorophenol	9.05	196	145895	41.78	ng		95
45) 1,1'-Biphenyl	9.18	154	544386	41.33	ng		97
46) 2-Chloronaphthalene	9.21	162	427756	41.21	ng		95
47) 2-Nitroaniline	9.31	65	122915	40.77	ng		96
48) Acenaphthylene	9.62	152	677435	40.75	ng		98
49) Dimethylphthalate	9.49	163	510639	41.47	ng		99
50) 2,6-Dinitrotoluene	9.57	165	105616	39.12	ng	#	88
51) Acenaphthene	9.78	154	384119	40.29	ng		99
52) 3-Nitroaniline	9.74	138	123875	42.28	ng		93
53) 2,4-Dinitrophenol	9.86	184	9675	14.80	ng	#	92
54) Dibenzofuran	9.97	168	562317	40.42	ng		92
55) 4-Nitrophenol	9.93	139	20442m	24.55	ng		
56) 2,4-Dinitrotoluene	9.97	165	145972	44.58	ng	#	70
57) Fluorene	10.30	166	448828	39.30	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	100257	37.51	ng		95
59) Diethylphthalate	10.18	149	499511	41.68	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	233745	43.52	ng	#	89
61) 4-Nitroaniline	10.35	138	114020	38.86	ng		93
62) Azobenzene	10.46	77	480978	41.55	ng		89
64) 4,6-Dinitro-2-methylphenol	10.38	198	44523	24.12	ng		84
65) n-Nitrosodiphenylamine	10.42	169	437973	46.01	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	125998	42.67	ng	#	72
67) Hexachlorobenzene	10.85	284	133362	42.35	ng	#	86
68) Atrazine	10.95	200	114877	38.98	ng		98
69) Pentachlorophenol	11.06	266	27777	26.96	ng		99
70) Phenanthrene	11.26	178	631899	39.02	ng		99
71) Anthracene	11.31	178	664639	40.76	ng		100
72) Carbazole	11.47	167	551586	38.35	ng		98
73) Di-n-butylphthalate	11.81	149	761241	44.38	ng	#	98
74) Fluoranthene	12.45	202	567053	34.11	ng		99
76) Benzidine	12.58	184	268158	47.04	ng		98
77) Pyrene	12.67	202	565916	44.29	ng		99
79) Butylbenzylphthalate	13.29	149	239498	44.58	ng		97
80) Benzo(a)anthracene	13.86	228	442747	39.75	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	163423	42.32	ng	#	94
82) Chrysene	13.91	228	429734	40.85	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	325051	45.18	ng	#	98
84) Di-n-octyl phthalate	14.46	149	508563	42.83	ng		99
85) Indeno(1,2,3-cd)pyrene	16.64	276	510487	52.82	ng		99
87) Benzo(b)fluoranthene	14.89	252	525717m	40.72	ng		
88) Benzo(k)fluoranthene	14.92	252	389095m	36.97	ng		
89) Benzo(a)pyrene	15.22	252	437138	39.09	ng	#	96
90) Dibenzo(a,h)anthracene	16.64	278	430057	45.96	ng		98
91) Benzo(g,h,i)perylene	17.04	276	409986	44.28	ng		98

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

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