Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
Data File : BF082551.D
Acq On : 27 Oct 2015 17:19
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 27 17:49:33 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	100217	20.00	ng		-0.02
21) Naphthalene-d8	8.00	136	396264	20.00	ng		-0.02
38) Acenaphthene-d10	9.76	164	197948	20.00	ng		-0.01
63) Phenanthrene-d10	11.25	188	371815	20.00	ng		-0.01
75) Chrysene-d12	13.89	240	302302	20.00	ng		-0.02
86) Perylene-d12	15.32	264	204037	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	422267	83.18	ng		-0.01
7) Phenol-d6	6.38	99	516709	78.09	ng		0.00
23) Nitrobenzene-d5	7.29	82	484246	78.84	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	112898	76.16	ng		-0.02
44) 2-Fluorobiphenyl	9.09	172	1033456	83.02	ng		-0.01
78) Terphenyl-d14	12.82	244	868439	82.76	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	91034	35.73	ng		96
3) Pyridine	2.88	79	235045	39.57	ng		98
4) n-Nitrosodimethylamine	2.86	42	105688	40.46	ng		97
6) Aniline	6.38	93	328997	39.46	ng	#	80
8) 2-Chlorophenol	6.50	128	248730	41.78	ng		99
9) Benzaldehyde	6.26	77	138221	42.58	ng		96
10) Phenol	6.39	94	307021	40.87	ng		93
11) bis(2-Chloroethyl)ether	6.46	93	242596	40.70	ng		94
12) 1,3-Dichlorobenzene	6.73	146	282800	39.82	ng		96
13) 1,4-Dichlorobenzene	6.73	146	286593	39.22	ng		97
14) 1,2-Dichlorobenzene	6.73	146	288229	42.50	ng		97
15) Benzyl Alcohol	6.87	79	190524	41.37	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	310943	38.53	ng	#	26
17) 2-Methylphenol	6.99	107	191677	40.14	ng		93
18) Hexachloroethane	7.21	117	97554	39.22	ng	#	88
19) n-Nitroso-di-n-propylamine	7.14	70	180430	41.86	ng		99
20) 3+4-Methylphenols	7.15	107	248152	40.68	ng		95
22) Acetophenone	7.13	105	334936	38.96	ng	#	96
24) Nitrobenzene	7.31	77	271186	39.54	ng		95
25) Isophorone	7.55	82	482705	39.56	ng		97
26) 2-Nitrophenol	7.62	139	135109	40.78	ng	#	70
27) 2,4-Dimethylphenol	7.68	122	215349	39.99	ng		95
28) bis(2-Chloroethoxy)methane	7.76	93	274387	38.34	ng		98
29) 2,4-Dichlorophenol	7.87	162	226071	42.09	ng		99
30) 1,2,4-Trichlorobenzene	7.94	180	233122	38.39	ng		96
31) Naphthalene	8.02	128	697497	38.52	ng		99
32) Benzoic acid	7.84	122	102647	34.03	ng		97
33) 4-Chloroaniline	8.09	127	277425	39.51	ng		99
34) Hexachlorobutadiene	8.14	225	144356	41.09	ng		99
35) Caprolactam	8.48	113	57992	38.84	ng		97
36) 4-Chloro-3-methylphenol	8.58	107	216938	41.53	ng		91
37) 2-Methylnaphthalene	8.72	142	499863	40.86	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	237815	39.80	ng		98
40) Hexachlorocyclopentadiene	8.86	237	27905	29.24	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	151931	40.79	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	155835	39.90	ng	#	92
45) 1,1'-Biphenyl	9.19	154	585979	39.78	ng		99
46) 2-Chloronaphthalene	9.21	162	476332	41.02	ng		97
47) 2-Nitroaniline	9.31	65	136642	40.52	ng		98
48) Acenaphthylene	9.62	152	757618	40.74	ng		99
49) Dimethylphthalate	9.50	163	568287	41.26	ng		99
50) 2,6-Dinitrotoluene	9.57	165	123161	40.78	ng		96
51) Acenaphthene	9.79	154	438211	41.09	ng		100
52) 3-Nitroaniline	9.74	138	140461	42.86	ng		98
53) 2,4-Dinitrophenol	9.85	184	40206	37.07	ng	#	88
54) Dibenzofuran	9.97	168	620564	39.88	ng		95
55) 4-Nitrophenol	9.93	139	32605m	31.31	ng		
56) 2,4-Dinitrotoluene	9.97	165	155079	42.34	ng		89
57) Fluorene	10.31	166	535725	41.93	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	117038	39.15	ng		98
59) Diethylphthalate	10.18	149	506992	37.82	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	248316	41.33	ng	#	82
61) 4-Nitroaniline	10.35	138	128225	39.07	ng		99
62) Azobenzene	10.46	77	518778	40.07	ng		83
64) 4,6-Dinitro-2-methylphenol	10.38	198	92252	42.29	ng		97
65) n-Nitrosodiphenylamine	10.42	169	457667	40.68	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	148511	42.56	ng	#	80
67) Hexachlorobenzene	10.85	284	146166	39.28	ng	#	73
68) Atrazine	10.96	200	147452	42.34	ng		96
69) Pentachlorophenol	11.06	266	42225	32.59	ng		95
70) Phenanthrene	11.27	178	783738	40.96	ng		100
71) Anthracene	11.31	178	778283	40.39	ng		100
72) Carbazole	11.49	167	702950	41.37	ng		99
73) Di-n-butylphthalate	11.81	149	850397	41.95	ng		99
74) Fluoranthene	12.46	202	810555	41.27	ng		96
76) Benzidine	12.58	184	299668	36.12	ng		99
77) Pyrene	12.69	202	833490	44.83	ng		99
79) Butylbenzylphthalate	13.30	149	348004	44.51	ng	#	83
80) Benzo(a)anthracene	13.88	228	624313	38.52	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	227251	40.44	ng		96
82) Chrysene	13.91	228	592789	38.72	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	411313	39.29	ng		100
84) Di-n-octyl phthalate	14.49	149	572738	33.15	ng		100
85) Indeno(1,2,3-cd)pyrene	16.68	276	454151	32.29	ng		99
87) Benzo(b)fluoranthene	14.92	252	448925m	37.05	ng		
88) Benzo(k)fluoranthene	14.94	252	482545m	48.85	ng		
89) Benzo(a)pyrene	15.26	252	423114	40.31	ng		98
90) Dibenzo(a,h)anthracene	16.68	278	377382	42.97	ng		98
91) Benzo(g,h,i)perylene	17.08	276	375886	43.25	ng		98

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

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