Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050115\
Data File : BF078883.D
Acq On : 1 May 2015 10:24
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 01 14:16:15 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 19:07:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	71115	20.00	ng		-0.01
21) Naphthalene-d8	8.94	136	308863	20.00	ng		-0.01
38) Acenaphthene-d10	11.12	164	155076	20.00	ng		-0.01
63) Phenanthrene-d10	12.96	188	306740	20.00	ng		-0.01
75) Chrysene-d12	16.29	240	335186	20.00	ng		-0.01
86) Perylene-d12	18.13	264	348482	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	321491	77.82	ng		-0.01
7) Phenol-d6	6.90	99	430723	78.87	ng		-0.02
23) Nitrobenzene-d5	8.04	82	411539	76.58	ng		-0.02
41) 2,4,6-Tribromophenol	12.09	330	137066	81.70	ng		-0.02
44) 2-Fluorobiphenyl	10.28	172	859489	77.22	ng		-0.01
78) Terphenyl-d14	14.96	244	1062383	75.88	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	65732	36.59	ng	#	18
3) Pyridine	3.08	79	191885	36.50	ng		98
4) n-Nitrosodimethylamine	2.99	42	91277	40.53	ng		94
6) Aniline	6.95	93	311702	40.44	ng		99
8) 2-Chlorophenol	7.08	128	182829	39.02	ng		95
9) Benzaldehyde	6.81	77	147447	40.08	ng		98
10) Phenol	6.92	94	259181	40.91	ng		96
11) bis(2-Chloroethyl)ether	7.05	93	177719	38.27	ng		87
12) 1,3-Dichlorobenzene	7.28	146	200769	38.12	ng		99
13) 1,4-Dichlorobenzene	7.38	146	208585	38.48	ng		98
14) 1,2-Dichlorobenzene	7.56	146	196472	38.94	ng		98
15) Benzyl Alcohol	7.53	79	165472	40.82	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.71	45	273317	38.47	ng		98
17) 2-Methylphenol	7.68	107	155256	41.17	ng		96
18) Hexachloroethane	7.99	117	72872	39.03	ng		97
19) n-Nitroso-di-n-propylamine	7.87	70	154266	41.82	ng	#	87
20) 3+4-Methylphenols	7.86	107	210302	41.86	ng		91
22) Acetophenone	7.86	105	259577	37.20	ng	#	94
24) Nitrobenzene	8.07	77	195209	36.65	ng		98
25) Isophorone	8.38	82	403968	40.55	ng	#	92
26) 2-Nitrophenol	8.47	139	94015	42.64	ng		94
27) 2,4-Dimethylphenol	8.52	122	182142	41.28	ng		96
28) bis(2-Chloroethoxy)methane	8.65	93	243957	39.72	ng		99
29) 2,4-Dichlorophenol	8.76	162	154016	39.26	ng		93
30) 1,2,4-Trichlorobenzene	8.87	180	161758	37.53	ng		96
31) Naphthalene	8.96	128	551666	37.48	ng		100
32) Benzoic acid	8.62	122	108023	40.26	ng		96
33) 4-Chloroaniline	9.04	127	244262	39.22	ng	#	91
34) Hexachlorobutadiene	9.12	225	94050	37.90	ng		98
35) Caprolactam	9.46	113	56895	44.85	ng		96
36) 4-Chloro-3-methylphenol	9.63	107	183374	44.50	ng		95
37) 2-Methylnaphthalene	9.83	142	393000	38.54	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.03	216	161765	37.04	ng	#	100
40) Hexachlorocyclopentadiene	10.01	237	83240	37.90	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.17	196	120254	40.05	ng		95
43) 2,4,5-Trichlorophenol	10.22	196	123038	40.53	ng	#	89
45) 1,1'-Biphenyl	10.40	154	457805	37.13	ng		98
46) 2-Chloronaphthalene	10.42	162	357460	37.17	ng		99
47) 2-Nitroaniline	10.55	65	107597	38.62	ng		95
48) Acenaphthylene	10.94	152	616620	39.05	ng		100
49) Dimethylphthalate	10.79	163	430309	37.81	ng		98
50) 2,6-Dinitrotoluene	10.86	165	86289	38.42	ng	#	85
51) Acenaphthene	11.15	154	365133	38.78	ng		98
52) 3-Nitroaniline	11.06	138	115170	41.05	ng	#	88
53) 2,4-Dinitrophenol	11.20	184	26979	42.20	ng	#	75
54) Dibenzofuran	11.37	168	525481	38.64	ng		98
55) 4-Nitrophenol	11.27	139	92460	41.63	ng		90
56) 2,4-Dinitrotoluene	11.36	165	124893	42.06	ng	#	68
57) Fluorene	11.79	166	430395	38.56	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.52	232	103717	41.81	ng	#	100
59) Diethylphthalate	11.67	149	447752	39.71	ng		99
60) 4-Chlorophenyl-phenylether	11.81	204	190881	38.55	ng		99
61) 4-Nitroaniline	11.82	138	112506	40.08	ng		95
62) Azobenzene	12.00	77	436206	39.26	ng		98
64) 4,6-Dinitro-2-methylphenol	11.86	198	50115	41.49	ng	#	61
65) n-Nitrosodiphenylamine	11.95	169	389748	38.15	ng		98
66) 4-Bromophenyl-phenylether	12.41	248	120834	37.79	ng		98
67) Hexachlorobenzene	12.47	284	136261	37.29	ng		97
68) Atrazine	12.62	200	114960	38.70	ng		99
69) Pentachlorophenol	12.72	266	77572	40.02	ng		97
70) Phenanthrene	12.99	178	659501	38.43	ng		99
71) Anthracene	13.05	178	634712	37.70	ng		99
72) Carbazole	13.26	167	609793	38.00	ng		100
73) Di-n-butylphthalate	13.70	149	772406	40.14	ng		99
74) Fluoranthene	14.47	202	700827	39.19	ng		97
76) Benzidine	14.65	184	322294	35.68	ng		97
77) Pyrene	14.75	202	746272	38.64	ng		99
79) Butylbenzylphthalate	15.58	149	355759	42.14	ng		94
80) Benzo(a)anthracene	16.27	228	705564	38.44	ng		100
81) 3,3'-Dichlorobenzidine	16.25	252	274663	42.01	ng		98
82) Chrysene	16.32	228	665907	37.72	ng		99
83) Bis(2-ethylhexyl)phthalate	16.33	149	532851	41.67	ng		100
84) Di-n-octyl phthalate	17.18	149	948155	42.10	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.65	276	910519	40.48	ng	#	100
87) Benzo(b)fluoranthene	17.66	252	722010	37.85	ng	#	96
88) Benzo(k)fluoranthene	17.69	252	705589	38.21	ng	#	95
89) Benzo(a)pyrene	18.06	252	684146	38.95	ng	#	95
90) Dibenzo(a,h)anthracene	19.68	278	723834	38.78	ng		98
91) Benzo(g,h,i)perylene	20.10	276	732042	39.13	ng		99

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

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