Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
Data File : BF091984.D
Acq On : 27 Dec 2016 22:56
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Dec 28 10:31:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	321033	20.00	ng		-0.02
21) Naphthalene-d8	8.02	136	1278166	20.00	ng		-0.02
38) Acenaphthene-d10	9.78	164	609154	20.00	ng		-0.01
63) Phenanthrene-d10	11.25	188	890103	20.00	ng		-0.01
75) Chrysene-d12	13.89	240	558810	20.00	ng		-0.01
86) Perylene-d12	15.29	264	551771	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1423863	74.06	ng		0.00
7) Phenol-d6	6.41	99	1792296	76.35	ng		0.00
23) Nitrobenzene-d5	7.31	82	1788300	77.80	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	313021	62.09	ng		-0.01
44) 2-Fluorobiphenyl	9.10	172	2279592	75.19	ng		-0.01
78) Terphenyl-d14	12.84	244	2050422	88.99	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	360734	38.11	ng		98
3) Pyridine	2.91	79	968499	29.32	ng		97
4) n-Nitrosodimethylamine	2.88	42	383411	30.77	ng		94
6) Aniline	6.40	93	1050691	34.46	ng	#	46
8) 2-Chlorophenol	6.53	128	861780	39.40	ng		89
9) Benzaldehyde	6.27	77	504534	36.50	ng		93
10) Phenol	6.43	94	988542	36.96	ng	#	61
11) bis(2-Chloroethyl)ether	6.48	93	889627	41.80	ng		97
12) 1,3-Dichlorobenzene	6.67	146	904965	38.76	ng	#	94
13) 1,4-Dichlorobenzene	6.75	146	923437	38.86	ng		96
14) 1,2-Dichlorobenzene	6.90	146	755960	36.66	ng		95
15) Benzyl Alcohol	6.89	79	226244	12.40	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1282294	40.46	ng		99
17) 2-Methylphenol	7.04	107	712013	40.48	ng		96
18) Hexachloroethane	7.24	117	338250	38.39	ng		90
19) n-Nitroso-di-n-propylamine	7.16	70	600529	38.45	ng		99
20) 3+4-Methylphenols	7.18	107	919375	43.82	ng	#	73
22) Acetophenone	7.15	105	1246726	39.55	ng	#	94
24) Nitrobenzene	7.32	77	952894	38.92	ng		99
25) Isophorone	7.57	82	1617962	38.15	ng		98
26) 2-Nitrophenol	7.64	139	465121	38.53	ng		99
27) 2,4-Dimethylphenol	7.70	122	680211	33.97	ng		98
28) bis(2-Chloroethoxy)methane	7.78	93	896616	34.87	ng		98
29) 2,4-Dichlorophenol	7.90	162	682956	40.28	ng		95
30) 1,2,4-Trichlorobenzene	7.96	180	706960	38.05	ng	#	94
31) Naphthalene	8.04	128	2172073	37.13	ng		100
32) Benzoic acid	7.86	122	407604	27.44	ng		99
33) 4-Chloroaniline	8.11	127	964859m	36.58	ng		
34) Hexachlorobutadiene	8.17	225	401292	40.91	ng		99
35) Caprolactam	8.50	113	188363	33.80	ng	#	78
36) 4-Chloro-3-methylphenol	8.61	107	655272	33.58	ng		96
37) 2-Methylnaphthalene	8.74	142	1452370	39.11	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	563635	36.62	ng		99
40) Hexachlorocyclopentadiene	8.89	237	204180	32.29	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	396363	36.83	ng		96
43) 2,4,5-Trichlorophenol	9.08	196	395469	35.70	ng	#	91
45) 1,1'-Biphenyl	9.21	154	1953779	46.84	ng		98
46) 2-Chloronaphthalene	9.23	162	1480330	44.82	ng		98
47) 2-Nitroaniline	9.33	65	400552	34.06	ng		99
48) Acenaphthylene	9.64	152	2087275	41.09	ng		99
49) Dimethylphthalate	9.52	163	1555455	39.92	ng		99
50) 2,6-Dinitrotoluene	9.57	165	284250	33.33	ng	#	68
51) Acenaphthene	9.81	154	1215154	35.28	ng		99
52) 3-Nitroaniline	9.74	138	350488	33.21	ng		97
53) 2,4-Dinitrophenol	9.85	184	96827	20.41	ng	#	47
54) Dibenzofuran	9.98	168	1601744	34.44	ng		99
55) 4-Nitrophenol	9.95	139	224139m	31.28	ng		
56) 2,4-Dinitrotoluene	9.97	165	345578	32.29	ng	#	75
57) Fluorene	10.33	166	1286793	38.03	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	302966	34.58	ng		98
59) Diethylphthalate	10.21	149	1369968	36.21	ng		96
60) 4-Chlorophenyl-phenylether	10.32	204	482568	32.57	ng		99
61) 4-Nitroaniline	10.36	138	331396	30.30	ng		98
62) Azobenzene	10.48	77	1384219	33.23	ng		99
64) 4,6-Dinitro-2-methylphenol	10.38	198	175856	32.67	ng	#	46
65) n-Nitrosodiphenylamine	10.44	169	985724	37.32	ng		100
66) 4-Bromophenyl-phenylether	10.81	248	358705	38.74	ng		95
67) Hexachlorobenzene	10.88	284	394062	39.82	ng	#	93
68) Atrazine	10.98	200	297564	34.93	ng		96
69) Pentachlorophenol	11.07	266	158896	32.72	ng		99
70) Phenanthrene	11.29	178	1878233	38.92	ng		98
71) Anthracene	11.33	178	1645414	35.93	ng		99
72) Carbazole	11.49	167	1640070	38.92	ng		99
73) Di-n-butylphthalate	11.82	149	1933050	41.99	ng		99
74) Fluoranthene	12.46	202	1706364	39.86	ng		100
76) Benzidine	12.60	184	364686	22.32	ng		98
77) Pyrene	12.69	202	1709087	41.69	ng		99
79) Butylbenzylphthalate	13.32	149	751733	40.31	ng		98
80) Benzo(a)anthracene	13.88	228	1271301	40.30	ng		100
81) 3,3'-Dichlorobenzidine	13.86	252	450342	37.65	ng	#	95
82) Chrysene	13.93	228	1415436	44.73	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	977562	44.52	ng		99
84) Di-n-octyl phthalate	14.50	149	1762774	43.33	ng		100
85) Indeno(1,2,3-cd)pyrene	16.64	276	1258062	45.90	ng		99
87) Benzo(b)fluoranthene	14.90	252	1197829m	34.87	ng		
88) Benzo(k)fluoranthene	14.93	252	1244229m	42.47	ng		
89) Benzo(a)pyrene	15.24	252	1184897	38.86	ng	#	96
90) Dibenzo(a,h)anthracene	16.65	278	1062886	42.41	ng		99
91) Benzo(g,h,i)perylene	17.04	276	1101190	42.26	ng		96

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

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