Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091673.D
Acq On : 16 Dec 2016 15:26
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 16 23:04:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	188414	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	818470	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	418335	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	698080	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	546093	20.00	ng		-0.01
86) Perylene-d12	15.32	264	421218	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	909481	81.32	ng		-0.01
7) Phenol-d6	6.42	99	1146468	82.23	ng		-0.01
23) Nitrobenzene-d5	7.34	82	1138019	77.60	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	282337	81.26	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	1829292	75.56	ng		-0.01
78) Terphenyl-d14	12.88	244	1719951	71.47	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	224735	38.08	ng		87
3) Pyridine	3.00	79	630124	40.07	ng	#	83
4) n-Nitrosodimethylamine	2.96	42	296842	43.93	ng		83
6) Aniline	6.44	93	777210	42.52	ng	#	71
8) 2-Chlorophenol	6.56	128	540535	42.82	ng		84
9) Benzaldehyde	6.32	77	350599	36.54	ng		91
10) Phenol	6.43	94	616428	37.81	ng	#	76
11) bis(2-Chloroethyl)ether	6.51	93	513862	41.96	ng		94
12) 1,3-Dichlorobenzene	6.72	146	592531	43.29	ng		97
13) 1,4-Dichlorobenzene	6.80	146	602642	44.63	ng		98
14) 1,2-Dichlorobenzene	6.94	146	493707	40.58	ng		98
15) Benzyl Alcohol	6.92	79	478083	43.43	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	789877	41.62	ng		80
17) 2-Methylphenol	7.05	107	463789	44.40	ng	#	76
18) Hexachloroethane	7.29	117	220855	41.91	ng	#	84
19) n-Nitroso-di-n-propylamine	7.20	70	384342	44.08	ng		86
20) 3+4-Methylphenols	7.20	107	511310	45.35	ng	#	64
22) Acetophenone	7.20	105	832213	42.44	ng	#	94
24) Nitrobenzene	7.37	77	703649	45.41	ng	#	81
25) Isophorone	7.61	82	1101061	42.24	ng		100
26) 2-Nitrophenol	7.68	139	274077	40.08	ng		97
27) 2,4-Dimethylphenol	7.72	122	455704	37.94	ng		97
28) bis(2-Chloroethoxy)methane	7.82	93	621023	40.61	ng	#	97
29) 2,4-Dichlorophenol	7.93	162	451090	43.17	ng		96
30) 1,2,4-Trichlorobenzene	8.01	180	488219	41.11	ng		97
31) Naphthalene	8.09	128	1642376	43.13	ng		100
32) Benzoic acid	7.86	122	353970	41.78	ng		96
33) 4-Chloroaniline	8.13	127	622820	37.96	ng		95
34) Hexachlorobutadiene	8.20	225	260796	38.31	ng		95
35) Caprolactam	8.52	113	147442	48.31	ng	#	32
36) 4-Chloro-3-methylphenol	8.62	107	494729	42.21	ng		98
37) 2-Methylnaphthalene	8.77	142	947469	38.44	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	462690	40.33	ng		98
40) Hexachlorocyclopentadiene	8.93	237	196554	38.42	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	324452m	44.01	ng		
43) 2,4,5-Trichlorophenol	9.09	196	305722m	40.35	ng		
45) 1,1'-Biphenyl	9.24	154	1278884	42.21	ng		97
46) 2-Chloronaphthalene	9.26	162	950862	40.52	ng		100
47) 2-Nitroaniline	9.36	65	327204	41.47	ng	#	82
48) Acenaphthylene	9.68	152	1400980	39.17	ng		99
49) Dimethylphthalate	9.55	163	1193072	45.04	ng		99
50) 2,6-Dinitrotoluene	9.61	165	267425	46.00	ng	#	87
51) Acenaphthene	9.85	154	958026	38.56	ng		97
52) 3-Nitroaniline	9.78	138	319442	46.77	ng		81
53) 2,4-Dinitrophenol	9.88	184	124305	45.46	ng	#	77
54) Dibenzofuran	10.02	168	1170845	38.09	ng		97
55) 4-Nitrophenol	9.94	139	208330	41.00	ng		94
56) 2,4-Dinitrotoluene	10.01	165	343067	47.08	ng	#	65
57) Fluorene	10.36	166	964581	43.79	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	265979	44.84	ng		95
59) Diethylphthalate	10.25	149	1176724	46.13	ng		95
60) 4-Chlorophenyl-phenylether	10.36	204	473934	42.89	ng		99
61) 4-Nitroaniline	10.38	138	273552	40.30	ng		82
62) Azobenzene	10.51	77	1233610	42.68	ng		86
64) 4,6-Dinitro-2-methylphenol	10.42	198	187360	44.43	ng	#	42
65) n-Nitrosodiphenylamine	10.48	169	853510	41.01	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	285635	39.91	ng		92
67) Hexachlorobenzene	10.91	284	326678	43.90	ng	#	84
68) Atrazine	11.00	200	254462	38.03	ng		99
69) Pentachlorophenol	11.10	266	194030	46.33	ng		95
70) Phenanthrene	11.32	178	1616920	46.77	ng		100
71) Anthracene	11.37	178	1426811	38.27	ng		99
72) Carbazole	11.53	167	1419199	43.42	ng		99
73) Di-n-butylphthalate	11.86	149	1645071	43.20	ng	#	98
74) Fluoranthene	12.50	202	1471171	40.64	ng		96
76) Benzidine	12.62	184	327591	19.40	ng		99
77) Pyrene	12.73	202	1514352	34.95	ng		99
79) Butylbenzylphthalate	13.36	149	770388	45.62	ng		99
80) Benzo(a)anthracene	13.92	228	1186742m	37.42	ng		
81) 3,3'-Dichlorobenzidine	13.88	252	435362	38.23	ng	#	99
82) Chrysene	13.95	228	1123281m	33.85	ng		
83) Bis(2-ethylhexyl)phthalate	13.92	149	949175	43.81	ng		98
84) Di-n-octyl phthalate	14.52	149	1535445	41.75	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.67	276	984686	32.98	ng		98
87) Benzo(b)fluoranthene	14.93	252	1198373m	47.73	ng		
88) Benzo(k)fluoranthene	14.96	252	877056m	39.72	ng		
89) Benzo(a)pyrene	15.27	252	960414	42.46	ng		98
90) Dibenzo(a,h)anthracene	16.68	278	831528	41.03	ng		97
91) Benzo(g,h,i)perylene	17.08	276	831716	40.33	ng		98

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

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