Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122816\
Data File : BF091993.D
Acq On : 28 Dec 2016 14:41
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 28 15:43:55 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	6.70	152	281150	20.00	ng		-0.05
21) Naphthalene-d8	8.00	136	1038848	20.00	ng		-0.05
38) Acenaphthene-d10	9.76	164	562914	20.00	ng		-0.03
63) Phenanthrene-d10	11.23	188	908213	20.00	ng		-0.03
75) Chrysene-d12	13.87	240	577845	20.00	ng		-0.03
86) Perylene-d12	15.25	264	521235	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1358889	80.70	ng		-0.02
7) Phenol-d6	6.38	99	1644347	79.99	ng		-0.02
23) Nitrobenzene-d5	7.29	82	1504590	80.54	ng		-0.03
41) 2,4,6-Tribromophenol	10.54	330	399854	85.83	ng		-0.03
44) 2-Fluorobiphenyl	9.08	172	2512812	92.62	ng		-0.03
78) Terphenyl-d14	12.82	244	2160395	90.67	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	418593	50.50	ng		99
3) Pyridine	2.86	79	1121470	38.76	ng		95
4) n-Nitrosodimethylamine	2.83	42	414158	37.95	ng		98
6) Aniline	6.37	93	1031786	38.64	ng	#	49
8) 2-Chlorophenol	6.50	128	786965	41.09	ng		95
9) Benzaldehyde	6.25	77	442284	36.55	ng		91
10) Phenol	6.40	94	1058203	45.17	ng	#	72
11) bis(2-Chloroethyl)ether	6.45	93	807031	43.30	ng		99
12) 1,3-Dichlorobenzene	6.65	146	834674	40.82	ng	#	92
13) 1,4-Dichlorobenzene	6.73	146	891985	42.86	ng		98
14) 1,2-Dichlorobenzene	6.88	146	679182	37.61	ng		96
15) Benzyl Alcohol	6.86	79	491911	30.80	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.00	45	1168363	42.09	ng	#	32
17) 2-Methylphenol	7.00	107	633436	41.12	ng	#	91
18) Hexachloroethane	7.22	117	296257	38.40	ng		90
19) n-Nitroso-di-n-propylamine	7.14	70	519391	37.98	ng		99
20) 3+4-Methylphenols	7.15	107	798208	43.45	ng	#	72
22) Acetophenone	7.13	105	1148602	44.83	ng	#	95
24) Nitrobenzene	7.30	77	745930	37.49	ng		98
25) Isophorone	7.55	82	1634627	47.42	ng		99
26) 2-Nitrophenol	7.62	139	413892	42.18	ng		99
27) 2,4-Dimethylphenol	7.68	122	689442	42.36	ng		100
28) bis(2-Chloroethoxy)methane	7.76	93	779942	37.32	ng		99
29) 2,4-Dichlorophenol	7.87	162	560932	40.70	ng		89
30) 1,2,4-Trichlorobenzene	7.94	180	605206	40.07	ng	#	94
31) Naphthalene	8.02	128	1898894	39.94	ng		99
32) Benzoic acid	7.84	122	435124	36.05	ng		97
33) 4-Chloroaniline	8.08	127	834026	38.90	ng		97
34) Hexachlorobutadiene	8.14	225	356387	44.71	ng		99
35) Caprolactam	8.48	113	196747	43.44	ng	#	78
36) 4-Chloro-3-methylphenol	8.58	107	580889	36.63	ng		97
37) 2-Methylnaphthalene	8.72	142	1324069	46.52	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	521165	36.64	ng		98
40) Hexachlorocyclopentadiene	8.86	237	255007	42.24	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	409527	41.17	ng		98
43) 2,4,5-Trichlorophenol	9.05	196	407585	39.82	ng		96
45) 1,1'-Biphenyl	9.17	154	1522760	39.51	ng		96
46) 2-Chloronaphthalene	9.20	162	1175110	38.50	ng		93
47) 2-Nitroaniline	9.31	65	464977	42.78	ng	#	69
48) Acenaphthylene	9.61	152	1819049	38.75	ng		99
49) Dimethylphthalate	9.49	163	1520502	42.23	ng		99
50) 2,6-Dinitrotoluene	9.55	165	328088	41.63	ng	#	77
51) Acenaphthene	9.79	154	1252882	39.37	ng		98
52) 3-Nitroaniline	9.72	138	388034	39.79	ng		97
53) 2,4-Dinitrophenol	9.82	184	178650	40.74	ng	#	61
54) Dibenzofuran	9.96	168	1618255	37.65	ng		92
55) 4-Nitrophenol	9.90	139	248379	37.51	ng		98
56) 2,4-Dinitrotoluene	9.95	165	350853	35.47	ng	#	76
57) Fluorene	10.29	166	1204218	38.51	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	331285	40.92	ng		98
59) Diethylphthalate	10.18	149	1427656	40.83	ng		99
60) 4-Chlorophenyl-phenylether	10.29	204	562564	41.09	ng		95
61) 4-Nitroaniline	10.34	138	378992	37.50	ng		99
62) Azobenzene	10.45	77	1664376	43.23	ng		96
64) 4,6-Dinitro-2-methylphenol	10.36	198	233398	42.50	ng	#	56
65) n-Nitrosodiphenylamine	10.42	169	1197014	44.42	ng		100
66) 4-Bromophenyl-phenylether	10.78	248	410267	43.43	ng	#	81
67) Hexachlorobenzene	10.84	284	386757	38.30	ng	#	81
68) Atrazine	10.94	200	316843	36.45	ng		98
69) Pentachlorophenol	11.05	266	211265	42.64	ng		99
70) Phenanthrene	11.25	178	1744963	35.43	ng		99
71) Anthracene	11.31	178	2077064	49.09	ng		99
72) Carbazole	11.47	167	1848675	46.07	ng		100
73) Di-n-butylphthalate	11.80	149	2079203	44.51	ng		100
74) Fluoranthene	12.44	202	2050886	47.70	ng		94
76) Benzidine	12.57	184	681080	46.71	ng		97
77) Pyrene	12.67	202	2089894	49.29	ng		99
79) Butylbenzylphthalate	13.30	149	913922	47.40	ng	#	78
80) Benzo(a)anthracene	13.85	228	1377387	42.23	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	535087	43.26	ng	#	97
82) Chrysene	13.89	228	1457597	44.55	ng		100
83) Bis(2-ethylhexyl)phthalate	13.86	149	1103301	48.59	ng	#	98
84) Di-n-octyl phthalate	14.47	149	1732503	41.19	ng		98
85) Indeno(1,2,3-cd)pyrene	16.57	276	1302087	45.94	ng		99
87) Benzo(b)fluoranthene	14.87	252	1270080m	39.14	ng		
88) Benzo(k)fluoranthene	14.89	252	1167063m	42.17	ng		
89) Benzo(a)pyrene	15.20	252	1181337	41.01	ng		98
90) Dibenzo(a,h)anthracene	16.59	278	1094751	46.24	ng	#	95
91) Benzo(g,h,i)perylene	16.97	276	1298448	52.75	ng		97

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

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