Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
Data File : BF091986.D
Acq On : 27 Dec 2016 23:51
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 28 06:15:01 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	316840	20.00	ng		-0.02
21) Naphthalene-d8	8.02	136	1084085	20.00	ng		-0.02
38) Acenaphthene-d10	9.78	164	555607	20.00	ng		-0.01
63) Phenanthrene-d10	11.25	188	878629	20.00	ng		-0.01
75) Chrysene-d12	13.89	240	556942	20.00	ng		-0.01
86) Perylene-d12	15.29	264	513740	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1341300	70.69	ng		0.00
7) Phenol-d6	6.41	99	1489441	64.29	ng		0.00
23) Nitrobenzene-d5	7.31	82	1646148	84.44	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	313420	68.16	ng		-0.01
44) 2-Fluorobiphenyl	9.10	172	2212779	80.99	ng		-0.01
78) Terphenyl-d14	12.84	244	1953596	85.07	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	357252	38.24	ng		99
3) Pyridine	2.90	79	998541	30.63	ng		98
4) n-Nitrosodimethylamine	2.86	42	418824	34.05	ng		96
6) Aniline	6.40	93	909762	30.23	ng	#	47
8) 2-Chlorophenol	6.53	128	703603	32.60	ng		86
9) Benzaldehyde	6.27	77	451174	31.73	ng		94
10) Phenol	6.42	94	835779	31.66	ng		79
11) bis(2-Chloroethyl)ether	6.48	93	801520	38.16	ng		96
12) 1,3-Dichlorobenzene	6.67	146	858574	37.26	ng	#	95
13) 1,4-Dichlorobenzene	6.75	146	918729	39.17	ng		95
14) 1,2-Dichlorobenzene	6.90	146	673336	33.09	ng		95
15) Benzyl Alcohol	6.89	79	240907	13.38	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.01	45	995116	31.81	ng		95
17) 2-Methylphenol	7.04	107	590152	34.00	ng		96
18) Hexachloroethane	7.24	117	306612	35.26	ng		91
19) n-Nitroso-di-n-propylamine	7.16	70	473849	30.74	ng		99
20) 3+4-Methylphenols	7.18	107	834441	40.30	ng	#	73
22) Acetophenone	7.15	105	1003359	37.52	ng	#	95
24) Nitrobenzene	7.32	77	797216	38.39	ng		98
25) Isophorone	7.57	82	1485627	41.30	ng		98
26) 2-Nitrophenol	7.64	139	431038	42.09	ng		99
27) 2,4-Dimethylphenol	7.70	122	560640	33.01	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	808623	37.07	ng		99
29) 2,4-Dichlorophenol	7.90	162	600008	41.72	ng		96
30) 1,2,4-Trichlorobenzene	7.96	180	611898	38.83	ng	#	95
31) Naphthalene	8.04	128	1747024	35.21	ng		100
32) Benzoic acid	7.86	122	366444	29.09	ng		97
33) 4-Chloroaniline	8.11	127	872409	39.00	ng		95
34) Hexachlorobutadiene	8.17	225	374062	44.97	ng		98
35) Caprolactam	8.49	113	161543	34.18	ng	#	59
36) 4-Chloro-3-methylphenol	8.61	107	605215	36.57	ng		93
37) 2-Methylnaphthalene	8.74	142	1302080	42.42	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	505132	35.98	ng		99
40) Hexachlorocyclopentadiene	8.89	237	185523	32.18	ng		96

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	353870	36.05	ng		96
43) 2,4,5-Trichlorophenol	9.08	196	366759	36.30	ng	#	88
45) 1,1'-Biphenyl	9.21	154	1560408	41.02	ng		98
46) 2-Chloronaphthalene	9.23	162	1176215	39.04	ng		98
47) 2-Nitroaniline	9.33	65	418940	39.06	ng		98
48) Acenaphthylene	9.64	152	1822892	39.34	ng		99
49) Dimethylphthalate	9.52	163	1388514	39.07	ng		99
50) 2,6-Dinitrotoluene	9.57	165	274855	35.34	ng	#	71
51) Acenaphthene	9.81	154	1163411	37.04	ng		100
52) 3-Nitroaniline	9.74	138	313921	32.61	ng		99
53) 2,4-Dinitrophenol	9.85	184	89317	20.64	ng	#	51
54) Dibenzofuran	9.98	168	1537284	36.24	ng		97
55) 4-Nitrophenol	9.94	139	211227m	32.32	ng		
56) 2,4-Dinitrotoluene	9.97	165	322357	33.02	ng	#	78
57) Fluorene	10.33	166	1267976	41.08	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	293500	36.73	ng		98
59) Diethylphthalate	10.21	149	1290188	37.38	ng		94
60) 4-Chlorophenyl-phenylether	10.32	204	489644	36.23	ng		99
61) 4-Nitroaniline	10.36	138	317807	31.86	ng		98
62) Azobenzene	10.48	77	1366437	35.96	ng		99
64) 4,6-Dinitro-2-methylphenol	10.38	198	173835	32.72	ng	#	61
65) n-Nitrosodiphenylamine	10.44	169	991028	38.01	ng		100
66) 4-Bromophenyl-phenylether	10.81	248	362183	39.63	ng		93
67) Hexachlorobenzene	10.88	284	388231	39.74	ng	#	87
68) Atrazine	10.98	200	300380	35.72	ng		97
69) Pentachlorophenol	11.07	266	151170	31.54	ng		99
70) Phenanthrene	11.29	178	1817293	38.14	ng		99
71) Anthracene	11.33	178	1638336	36.35	ng		99
72) Carbazole	11.49	167	1534148	35.86	ng		99
73) Di-n-butylphthalate	11.82	149	1821980	39.89	ng		99
74) Fluoranthene	12.47	202	1643103	38.78	ng		99
76) Benzidine	12.60	184	412739	26.08	ng		97
77) Pyrene	12.69	202	1627035	39.82	ng		100
79) Butylbenzylphthalate	13.32	149	771152	41.49	ng		97
80) Benzo(a)anthracene	13.88	228	1278336	40.66	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	440866	36.98	ng	#	93
82) Chrysene	13.93	228	1410713	44.73	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	977907	44.68	ng		99
84) Di-n-octyl phthalate	14.50	149	1744875	43.04	ng		100
85) Indeno(1,2,3-cd)pyrene	16.64	276	1217049	44.55	ng		99
87) Benzo(b)fluoranthene	14.90	252	1149247m	35.93	ng		
88) Benzo(k)fluoranthene	14.93	252	1209521m	44.35	ng		
89) Benzo(a)pyrene	15.24	252	1128175	39.74	ng	#	96
90) Dibenzo(a,h)anthracene	16.65	278	1014233	43.47	ng		98
91) Benzo(g,h,i)perylene	17.04	276	1073528	44.25	ng		97

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

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