Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
Data File : BF091962.D
Acq On : 27 Dec 2016 12:43
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 28 00:08:08 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	292315	20.00	ng		-0.02
21) Naphthalene-d8	8.02	136	988248	20.00	ng		-0.02
38) Acenaphthene-d10	9.78	164	515483	20.00	ng		-0.01
63) Phenanthrene-d10	11.25	188	824607	20.00	ng		-0.01
75) Chrysene-d12	13.89	240	650538	20.00	ng		-0.01
86) Perylene-d12	15.29	264	612983	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1381994	78.94	ng		0.00
7) Phenol-d6	6.41	99	1653955	77.38	ng		0.00
23) Nitrobenzene-d5	7.31	82	1659014	93.35	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	323817	75.91	ng		-0.01
44) 2-Fluorobiphenyl	9.10	172	2225808	89.09	ng		-0.01
78) Terphenyl-d14	12.84	244	1820964	67.89	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	329997	38.29	ng		98
3) Pyridine	2.91	79	1016072	33.78	ng		97
4) n-Nitrosodimethylamine	2.88	42	378805	33.38	ng		99
6) Aniline	6.40	93	1109757	39.97	ng	#	46
8) 2-Chlorophenol	6.53	128	801931	40.27	ng		85
9) Benzaldehyde	6.27	77	472807	38.11	ng		95
10) Phenol	6.42	94	912722	37.47	ng	#	77
11) bis(2-Chloroethyl)ether	6.48	93	824731	42.56	ng		93
12) 1,3-Dichlorobenzene	6.67	146	825730	38.84	ng	#	94
13) 1,4-Dichlorobenzene	6.75	146	839995	38.82	ng		95
14) 1,2-Dichlorobenzene	6.90	146	673196	35.86	ng		96
15) Benzyl Alcohol	6.89	79	503042	30.29	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1111231	38.51	ng		78
17) 2-Methylphenol	7.02	107	606161	37.85	ng	#	93
18) Hexachloroethane	7.24	117	304661	37.98	ng		90
19) n-Nitroso-di-n-propylamine	7.16	70	584104	41.08	ng		96
20) 3+4-Methylphenols	7.18	107	854211	44.72	ng	#	71
22) Acetophenone	7.15	105	1148753	47.13	ng	#	92
24) Nitrobenzene	7.32	77	769089	40.63	ng		99
25) Isophorone	7.56	82	1335255	40.72	ng		95
26) 2-Nitrophenol	7.64	139	397392	42.57	ng		92
27) 2,4-Dimethylphenol	7.70	122	510253	32.96	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	701216	35.27	ng		99
29) 2,4-Dichlorophenol	7.89	162	490595	37.42	ng		85
30) 1,2,4-Trichlorobenzene	7.96	180	536243	37.33	ng	#	93
31) Naphthalene	8.04	128	1677446	37.09	ng		100
32) Benzoic acid	7.86	122	444070	38.67	ng		90
33) 4-Chloroaniline	8.10	127	739192	36.24	ng		95
34) Hexachlorobutadiene	8.17	225	311554	41.08	ng		99
35) Caprolactam	8.49	113	169830	39.42	ng	#	76
36) 4-Chloro-3-methylphenol	8.60	107	544584	36.10	ng		93
37) 2-Methylnaphthalene	8.74	142	1183767	42.25	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	463457	35.59	ng		99
40) Hexachlorocyclopentadiene	8.89	237	199344	36.64	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	345131	37.89	ng		97
43) 2,4,5-Trichlorophenol	9.07	196	346915	37.01	ng		95
45) 1,1'-Biphenyl	9.20	154	1335438	37.84	ng		96
46) 2-Chloronaphthalene	9.22	162	1029036	36.82	ng		92
47) 2-Nitroaniline	9.33	65	426864	42.89	ng	#	84
48) Acenaphthylene	9.64	152	1678186	39.04	ng		98
49) Dimethylphthalate	9.52	163	1268935	38.49	ng		99
50) 2,6-Dinitrotoluene	9.57	165	308203	42.71	ng		92
51) Acenaphthene	9.81	154	1115219	38.27	ng		99
52) 3-Nitroaniline	9.74	138	342495	38.35	ng		96
53) 2,4-Dinitrophenol	9.85	184	144534	36.00	ng	#	68
54) Dibenzofuran	9.98	168	1451925	36.89	ng		95
55) 4-Nitrophenol	9.94	139	274306	45.24	ng	#	80
56) 2,4-Dinitrotoluene	9.97	165	350595	38.71	ng	#	88
57) Fluorene	10.33	166	1129576	39.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	305472	41.20	ng		97
59) Diethylphthalate	10.20	149	1140724	35.63	ng		100
60) 4-Chlorophenyl-phenylether	10.32	204	486525	38.80	ng		96
61) 4-Nitroaniline	10.36	138	352986	38.14	ng		99
62) Azobenzene	10.48	77	1374481	38.99	ng		99
64) 4,6-Dinitro-2-methylphenol	10.38	198	221574	44.44	ng		71
65) n-Nitrosodiphenylamine	10.44	169	1030325	42.11	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	349856	40.79	ng	#	86
67) Hexachlorobenzene	10.86	284	348321	37.99	ng	#	75
68) Atrazine	10.97	200	265828	33.68	ng		97
69) Pentachlorophenol	11.07	266	187981	41.78	ng		98
70) Phenanthrene	11.28	178	1609673	36.00	ng		99
71) Anthracene	11.33	178	1729900	42.96	ng		99
72) Carbazole	11.49	167	1452049	36.31	ng		99
73) Di-n-butylphthalate	11.82	149	1738699	40.64	ng		99
74) Fluoranthene	12.46	202	1620916	40.98	ng		98
76) Benzidine	12.59	184	599492	34.13	ng		98
77) Pyrene	12.69	202	1700693	35.63	ng		100
79) Butylbenzylphthalate	13.32	149	799424	36.83	ng		95
80) Benzo(a)anthracene	13.88	228	1390024	37.85	ng		100
81) 3,3'-Dichlorobenzidine	13.85	252	530375	38.09	ng		97
82) Chrysene	13.93	228	1421303	38.59	ng		97
83) Bis(2-ethylhexyl)phthalate	13.88	149	931127	36.42	ng		99
84) Di-n-octyl phthalate	14.50	149	1882293	39.75	ng		98
85) Indeno(1,2,3-cd)pyrene	16.63	276	1244683	39.01	ng		98
87) Benzo(b)fluoranthene	14.90	252	1370964	35.92	ng		98
88) Benzo(k)fluoranthene	14.93	252	1353654m	41.60	ng		
89) Benzo(a)pyrene	15.23	252	1293841	38.20	ng		99
90) Dibenzo(a,h)anthracene	16.65	278	1051812	37.78	ng	#	95
91) Benzo(g,h,i)perylene	17.04	276	1059787	36.61	ng		98

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

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