Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120616\
Data File : BF091450.D
Acq On : 6 Dec 2016 11:04
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 07 10:19:48 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	116229	20.00	ng		-0.04
21) Naphthalene-d8	8.13	136	467638	20.00	ng		-0.04
38) Acenaphthene-d10	9.88	164	256832	20.00	ng		-0.04
63) Phenanthrene-d10	11.36	188	480762	20.00	ng		-0.04
75) Chrysene-d12	13.99	240	384885	20.00	ng		-0.05
86) Perylene-d12	15.41	264	277766	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	585855	82.34	ng		-0.03
7) Phenol-d6	6.47	99	733472	83.75	ng		-0.03
23) Nitrobenzene-d5	7.41	82	673889	80.76	ng		-0.04
41) 2,4,6-Tribromophenol	10.66	330	222744	91.61	ng		-0.04
44) 2-Fluorobiphenyl	9.20	172	1175176	82.85	ng		-0.04
78) Terphenyl-d14	12.94	244	1389602	78.47	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	126239	39.22	ng	#	83
3) Pyridine	3.14	79	352924	38.75	ng	#	79
4) n-Nitrosodimethylamine	3.09	42	201469	42.16	ng		97
6) Aniline	6.50	93	469299	40.34	ng	#	70
8) 2-Chlorophenol	6.63	128	323789	41.51	ng		98
9) Benzaldehyde	6.39	77	208595m	37.04	ng		
10) Phenol	6.49	94	429400	41.67	ng		87
11) bis(2-Chloroethyl)ether	6.58	93	293121	39.81	ng		90
12) 1,3-Dichlorobenzene	6.78	146	341337m	39.34	ng		
13) 1,4-Dichlorobenzene	6.86	146	372879	43.20	ng		98
14) 1,2-Dichlorobenzene	7.02	146	315540m	39.25	ng		
15) Benzyl Alcohol	6.98	79	291710	41.62	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	628131	39.67	ng		71
17) 2-Methylphenol	7.10	107	234898	38.09	ng	#	75
18) Hexachloroethane	7.36	117	125541	40.96	ng	#	84
19) n-Nitroso-di-n-propylamine	7.26	70	211946	38.41	ng	#	98
20) 3+4-Methylphenols	7.26	107	330538	43.91	ng	#	51
22) Acetophenone	7.26	105	478532	43.17	ng	#	90
24) Nitrobenzene	7.43	77	364286	42.64	ng	#	77
25) Isophorone	7.67	82	597312	40.40	ng		98
26) 2-Nitrophenol	7.74	139	152264	39.11	ng		96
27) 2,4-Dimethylphenol	7.78	122	296735	40.74	ng		97
28) bis(2-Chloroethoxy)methane	7.88	93	315505	35.46	ng		100
29) 2,4-Dichlorophenol	7.99	162	253149	39.51	ng		89
30) 1,2,4-Trichlorobenzene	8.07	180	315302	43.89	ng		98
31) Naphthalene	8.15	128	936111	42.12	ng		99
32) Benzoic acid	7.91	122	230119	42.86	ng		94
33) 4-Chloroaniline	8.20	127	363855	38.30	ng		95
34) Hexachlorobutadiene	8.28	225	187413	42.43	ng		99
35) Caprolactam	8.57	113	72329	39.28	ng		90
36) 4-Chloro-3-methylphenol	8.68	107	272397	39.38	ng		99
37) 2-Methylnaphthalene	8.84	142	581469	38.51	ng		92
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	320017	44.20	ng	#	97
40) Hexachlorocyclopentadiene	9.00	237	159326	47.47	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	205817	43.74	ng		96
43) 2,4,5-Trichlorophenol	9.16	196	214915	45.57	ng		95
45) 1,1'-Biphenyl	9.30	154	789238	42.74	ng		96
46) 2-Chloronaphthalene	9.33	162	577938	42.02	ng		98
47) 2-Nitroaniline	9.42	65	197379	39.96	ng	#	76
48) Acenaphthylene	9.74	152	861222	39.78	ng		99
49) Dimethylphthalate	9.61	163	675297	43.42	ng		99
50) 2,6-Dinitrotoluene	9.67	165	161537	46.47	ng	#	59
51) Acenaphthene	9.91	154	593232	40.62	ng		98
52) 3-Nitroaniline	9.83	138	149917	37.26	ng		88
53) 2,4-Dinitrophenol	9.93	184	87998	57.89	ng		90
54) Dibenzofuran	10.08	168	774097	39.59	ng		98
55) 4-Nitrophenol	9.99	139	127397	43.84	ng		97
56) 2,4-Dinitrotoluene	10.07	165	226503	50.24	ng		93
57) Fluorene	10.42	166	629361	41.93	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	180826	44.91	ng		95
59) Diethylphthalate	10.31	149	690419	44.98	ng	#	94
60) 4-Chlorophenyl-phenylether	10.42	204	323844	43.01	ng		97
61) 4-Nitroaniline	10.45	138	182234m	48.24	ng		
62) Azobenzene	10.58	77	692941	44.24	ng		96
64) 4,6-Dinitro-2-methylphenol	10.47	198	119597	45.15	ng	#	78
65) n-Nitrosodiphenylamine	10.54	169	568119	38.98	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	198040	38.32	ng		98
67) Hexachlorobenzene	10.97	284	224412	40.19	ng	#	90
68) Atrazine	11.06	200	170613	36.14	ng		97
69) Pentachlorophenol	11.17	266	151333	46.04	ng		97
70) Phenanthrene	11.38	178	1026651	41.10	ng		99
71) Anthracene	11.44	178	1021495	41.20	ng		97
72) Carbazole	11.59	167	919718	40.88	ng		98
73) Di-n-butylphthalate	11.93	149	1024758	40.19	ng	#	98
74) Fluoranthene	12.57	202	1133507	47.90	ng		94
76) Benzidine	12.69	184	377553	33.42	ng		99
77) Pyrene	12.79	202	1105079	37.83	ng		98
79) Butylbenzylphthalate	13.42	149	432557	39.55	ng		98
80) Benzo(a)anthracene	13.98	228	876909	38.96	ng		98
81) 3,3'-Dichlorobenzidine	13.95	252	296744	37.42	ng		98
82) Chrysene	14.01	228	837425	37.60	ng		98
83) Bis(2-ethylhexyl)phthalate	13.98	149	552365	39.84	ng		96
84) Di-n-octyl phthalate	14.60	149	857932	40.90	ng		96
85) Indeno(1,2,3-cd)pyrene	16.80	276	697275	34.19	ng	#	91
87) Benzo(b)fluoranthene	15.01	252	777767m	45.05	ng		
88) Benzo(k)fluoranthene	15.03	252	610499m	42.05	ng		
89) Benzo(a)pyrene	15.35	252	629575	40.61	ng	#	96
90) Dibenzo(a,h)anthracene	16.81	278	579374	40.40	ng	#	94
91) Benzo(g,h,i)perylene	17.21	276	605330	40.94	ng		97

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

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