Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
Data File : BF091503.D
Acq On : 8 Dec 2016 14:59
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 09 00:16:15 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	6.82	152	112351	20.00	ng		-0.05
21) Naphthalene-d8	8.10	136	428984	20.00	ng		-0.06
38) Acenaphthene-d10	9.85	164	277020	20.00	ng		-0.06
63) Phenanthrene-d10	11.34	188	448813	20.00	ng		-0.06
75) Chrysene-d12	13.97	240	353602	20.00	ng		-0.07
86) Perylene-d12	15.39	264	271684	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	516168	75.05	ng		-0.06
7) Phenol-d6	6.46	99	761443	89.94	ng		-0.04
23) Nitrobenzene-d5	7.38	82	631337	82.48	ng		-0.06
41) 2,4,6-Tribromophenol	10.64	330	225650	86.04	ng		-0.06
44) 2-Fluorobiphenyl	9.19	172	1377981	90.07	ng		-0.05
78) Terphenyl-d14	12.93	244	1456573	89.53	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	115308	37.06	ng	#	85
3) Pyridine	3.10	79	330872	37.58	ng		86
4) n-Nitrosodimethylamine	3.05	42	189526	41.03	ng		97
6) Aniline	6.48	93	489323	43.51	ng	#	72
8) 2-Chlorophenol	6.61	128	347269	46.05	ng		96
9) Benzaldehyde	6.37	77	206479	37.93	ng		80
10) Phenol	6.47	94	484776	48.66	ng		91
11) bis(2-Chloroethyl)ether	6.56	93	326834	45.92	ng		97
12) 1,3-Dichlorobenzene	6.76	146	342887m	40.88	ng		
13) 1,4-Dichlorobenzene	6.84	146	336600	40.34	ng		97
14) 1,2-Dichlorobenzene	7.00	146	336225	43.26	ng		93
15) Benzyl Alcohol	6.96	79	260585	38.46	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	623564	40.74	ng		71
17) 2-Methylphenol	7.08	107	232761	39.05	ng	#	74
18) Hexachloroethane	7.34	117	127353	42.99	ng		93
19) n-Nitroso-di-n-propylamine	7.25	70	233518	43.78	ng	#	85
20) 3+4-Methylphenols	7.24	107	296886	40.80	ng	#	53
22) Acetophenone	7.24	105	446087	43.87	ng	#	83
24) Nitrobenzene	7.41	77	377909	48.22	ng	#	90
25) Isophorone	7.65	82	567278	41.83	ng		99
26) 2-Nitrophenol	7.73	139	164641	46.10	ng	#	70
27) 2,4-Dimethylphenol	7.76	122	252640	37.81	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	364421	44.64	ng		98
29) 2,4-Dichlorophenol	7.97	162	274203	46.65	ng		95
30) 1,2,4-Trichlorobenzene	8.05	180	290945	44.15	ng		99
31) Naphthalene	8.13	128	860220	42.19	ng		99
32) Benzoic acid	7.89	122	230098	46.72	ng		94
33) 4-Chloroaniline	8.18	127	384429	44.11	ng	#	92
34) Hexachlorobutadiene	8.25	225	202869	50.07	ng		99
35) Caprolactam	8.55	113	75292	44.57	ng		94
36) 4-Chloro-3-methylphenol	8.66	107	320370	50.49	ng	#	85
37) 2-Methylnaphthalene	8.82	142	652977	47.14	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	315668	40.42	ng		99
40) Hexachlorocyclopentadiene	8.97	237	150626	41.61	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	227978	44.92	ng		95
43) 2,4,5-Trichlorophenol	9.13	196	213144m	41.91	ng		
45) 1,1'-Biphenyl	9.28	154	771268	38.72	ng		97
46) 2-Chloronaphthalene	9.30	162	577408	38.92	ng		99
47) 2-Nitroaniline	9.40	65	215876	40.52	ng	#	74
48) Acenaphthylene	9.72	152	907055	38.84	ng		99
49) Dimethylphthalate	9.59	163	753811	44.94	ng		99
50) 2,6-Dinitrotoluene	9.65	165	182164	48.59	ng	#	80
51) Acenaphthene	9.90	154	657044	41.71	ng		97
52) 3-Nitroaniline	9.81	138	169054	38.96	ng		83
53) 2,4-Dinitrophenol	9.91	184	81134	49.49	ng	#	67
54) Dibenzofuran	10.06	168	851127	40.36	ng		100
55) 4-Nitrophenol	9.97	139	119567	38.15	ng		89
56) 2,4-Dinitrotoluene	10.05	165	242716	49.91	ng	#	83
57) Fluorene	10.40	166	652515	40.30	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	201034m	46.29	ng		
59) Diethylphthalate	10.29	149	733257	44.29	ng		95
60) 4-Chlorophenyl-phenylether	10.40	204	344763	42.45	ng		94
61) 4-Nitroaniline	10.42	138	173558	42.59	ng		84
62) Azobenzene	10.56	77	774492	45.84	ng		96
64) 4,6-Dinitro-2-methylphenol	10.45	198	126825	51.29	ng		93
65) n-Nitrosodiphenylamine	10.52	169	542078	39.84	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	219949	45.59	ng	#	74
67) Hexachlorobenzene	10.95	284	209905	40.27	ng	#	84
68) Atrazine	11.04	200	176631	40.08	ng		97
69) Pentachlorophenol	11.14	266	142028	46.28	ng		95
70) Phenanthrene	11.36	178	916221	39.29	ng		100
71) Anthracene	11.42	178	1035571	44.74	ng		98
72) Carbazole	11.57	167	849791	40.46	ng		98
73) Di-n-butylphthalate	11.91	149	1041184	43.74	ng		98
74) Fluoranthene	12.55	202	1070855	48.48	ng		96
76) Benzidine	12.67	184	256505	24.71	ng		99
77) Pyrene	12.78	202	1090975	40.66	ng		99
79) Butylbenzylphthalate	13.40	149	425071	42.30	ng		91
80) Benzo(a)anthracene	13.96	228	944147	45.66	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	308634	42.37	ng	#	96
82) Chrysene	14.00	228	961334	46.98	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	603736	47.40	ng	#	90
84) Di-n-octyl phthalate	14.57	149	897537	46.57	ng		96
85) Indeno(1,2,3-cd)pyrene	16.76	276	696194	37.15	ng	#	92
87) Benzo(b)fluoranthene	14.99	252	792611m	46.94	ng		
88) Benzo(k)fluoranthene	15.01	252	614042m	43.24	ng		
89) Benzo(a)pyrene	15.33	252	653572	43.10	ng	#	93
90) Dibenzo(a,h)anthracene	16.78	278	598712	42.68	ng	#	92
91) Benzo(g,h,i)perylene	17.18	276	607492	42.01	ng	#	93

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

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