Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042116\
Data File : BF086346.D
Acq On : 21 Apr 2016 16:19
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 22 00:54:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:45:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	332167	20.00	ng		-0.05
21) Naphthalene-d8	8.14	136	1374557	20.00	ng		-0.03
38) Acenaphthene-d10	9.90	164	666374	20.00	ng		-0.03
63) Phenanthrene-d10	11.38	188	1168011	20.00	ng		-0.03
75) Chrysene-d12	14.02	240	753167	20.00	ng		-0.03
86) Perylene-d12	15.44	264	608349	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1528693	80.30	ng		-0.03
7) Phenol-d6	6.50	99	1892613	75.97	ng		-0.02
23) Nitrobenzene-d5	7.44	82	1908985	79.54	ng		-0.02
41) 2,4,6-Tribromophenol	10.69	330	444264	85.54	ng		-0.03
44) 2-Fluorobiphenyl	9.23	172	2799845	79.03	ng		-0.03
78) Terphenyl-d14	12.97	244	2333711	73.76	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	402790	39.05	ng		98
3) Pyridine	3.20	79	1005009	38.06	ng		97
4) n-Nitrosodimethylamine	3.15	42	408769	44.93	ng	#	75
6) Aniline	6.52	93	1304021	38.89	ng		92
8) 2-Chlorophenol	6.65	128	879998	38.91	ng		84
9) Benzaldehyde	6.41	77	644466	36.50	ng		99
10) Phenol	6.51	94	1021455	35.77	ng		76
11) bis(2-Chloroethyl)ether	6.60	93	994960	39.90	ng		92
12) 1,3-Dichlorobenzene	6.80	146	904024	36.44	ng		98
13) 1,4-Dichlorobenzene	6.88	146	964306	36.37	ng		99
14) 1,2-Dichlorobenzene	7.04	146	828718	35.24	ng		99
15) Benzyl Alcohol	7.00	79	615561	39.77	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1301996	37.10	ng		91
17) 2-Methylphenol	7.12	107	757755	40.09	ng		99
18) Hexachloroethane	7.37	117	334328	42.31	ng	#	88
19) n-Nitroso-di-n-propylamine	7.29	70	619048	41.02	ng	#	90
20) 3+4-Methylphenols	7.28	107	722558	35.24	ng	#	81
22) Acetophenone	7.28	105	1053541	36.49	ng	#	85
24) Nitrobenzene	7.45	77	953756	37.15	ng		96
25) Isophorone	7.69	82	1880017	41.34	ng		100
26) 2-Nitrophenol	7.77	139	562692	48.99	ng	#	70
27) 2,4-Dimethylphenol	7.80	122	847667	37.63	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	1105735	41.58	ng		98
29) 2,4-Dichlorophenol	8.01	162	758330	42.69	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	736423	38.43	ng		100
31) Naphthalene	8.17	128	2453949	37.45	ng		100
32) Benzoic acid	7.94	122	438167	32.73	ng		88
33) 4-Chloroaniline	8.21	127	1121777	41.36	ng		98
34) Hexachlorobutadiene	8.28	225	364236	37.72	ng		98
35) Caprolactam	8.61	113	261343	45.43	ng	#	68
36) 4-Chloro-3-methylphenol	8.70	107	818419	40.97	ng		97
37) 2-Methylnaphthalene	8.85	142	1603051	39.62	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	622317	35.09	ng		98
40) Hexachlorocyclopentadiene	9.01	237	336241	77.26	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	494340	40.18	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	535404	39.95	ng		96
45) 1,1'-Biphenyl	9.32	154	1790283	34.21	ng		99
46) 2-Chloronaphthalene	9.34	162	1507664	38.02	ng		100
47) 2-Nitroaniline	9.45	65	576781	42.80	ng	#	84
48) Acenaphthylene	9.77	152	2448625	39.54	ng		100
49) Dimethylphthalate	9.63	163	1836926	36.21	ng		99
50) 2,6-Dinitrotoluene	9.69	165	412852	39.55	ng	#	70
51) Acenaphthene	9.94	154	1492216	41.07	ng		100
52) 3-Nitroaniline	9.86	138	522965	39.39	ng		93
53) 2,4-Dinitrophenol	9.96	184	137976	64.70	ng		91
54) Dibenzofuran	10.11	168	1939347	39.26	ng		97
55) 4-Nitrophenol	10.02	139	384968	46.76	ng		89
56) 2,4-Dinitrotoluene	10.10	165	569033	43.85	ng	#	92
57) Fluorene	10.45	166	1506342	41.16	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	380980	42.37	ng		96
59) Diethylphthalate	10.33	149	1759492	35.54	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	639012	37.70	ng		99
61) 4-Nitroaniline	10.48	138	531877	42.80	ng		89
62) Azobenzene	10.60	77	1859094	38.09	ng		99
64) 4,6-Dinitro-2-methylphenol	10.50	198	222185	58.92	ng		87
65) n-Nitrosodiphenylamine	10.57	169	1463124	38.02	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	468693	37.35	ng		97
67) Hexachlorobenzene	11.00	284	477887	37.94	ng	#	66
68) Atrazine	11.09	200	430355	36.39	ng		98
69) Pentachlorophenol	11.18	266	259317	39.30	ng		98
70) Phenanthrene	11.41	178	2256005	40.76	ng		99
71) Anthracene	11.46	178	2250376	37.96	ng		99
72) Carbazole	11.62	167	2395757	42.71	ng		98
73) Di-n-butylphthalate	11.95	149	2874744	39.80	ng		99
74) Fluoranthene	12.59	202	2190510	42.68	ng		99
76) Benzidine	12.72	184	914142	27.49	ng		97
77) Pyrene	12.82	202	2107436	37.72	ng		100
79) Butylbenzylphthalate	13.44	149	1173727	39.80	ng	#	76
80) Benzo(a)anthracene	14.01	228	1511003	38.09	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	1003661	36.57	ng		99
82) Chrysene	14.05	228	1695712	39.54	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	1221624	35.37	ng	#	98
84) Di-n-octyl phthalate	14.61	149	2382192	38.27	ng		98
85) Indeno(1,2,3-cd)pyrene	16.83	276	1300167	29.48	ng		96
87) Benzo(b)fluoranthene	15.04	252	1458916	41.46	ng		99
88) Benzo(k)fluoranthene	15.06	252	1348187m	45.51	ng		
89) Benzo(a)pyrene	15.38	252	1311411	40.44	ng		99
90) Dibenzo(a,h)anthracene	16.85	278	1068196	37.73	ng		98
91) Benzo(g,h,i)perylene	17.25	276	1141160	42.04	ng		95

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

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