Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
Data File : BF093833.D
Acq On : 22 Mar 2017 15:39
Operator : SJ/MA
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Mar 22 17:06:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 17:04:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	195402	20.00	ng		0.00
21) Naphthalene-d8	7.49	136	804573	20.00	ng		0.00
38) Acenaphthene-d10	9.64	164	357725	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	625832	20.00	ng		0.00
75) Chrysene-d12	14.72	240	503444	20.00	ng		0.00
86) Perylene-d12	16.35	264	403395	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.50	112	926993	82.96	ng		0.00
7) Phenol-d6	5.57	99	1157282	83.82	ng		0.00
23) Nitrobenzene-d5	6.64	82	1140085	80.38	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	232082	83.76	ng		0.00
44) 2-Fluorobiphenyl	8.82	172	1873230	88.05	ng		0.00
78) Terphenyl-d14	13.44	244	1771049	71.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	226473	40.00	ng		97
3) Pyridine	2.85	79	630494	41.56	ng		99
4) n-Nitrosodimethylamine	2.81	42	260177	39.77	ng		94
6) Aniline	5.61	93	823499	42.65	ng		97
8) 2-Chlorophenol	5.75	128	523477	42.59	ng		96
9) Benzaldehyde	5.48	77	391432	40.11	ng		99
10) Phenol	5.59	94	689412	44.42	ng		91
11) bis(2-Chloroethyl)ether	5.69	93	517864	41.09	ng		97
12) 1,3-Dichlorobenzene	5.92	146	582638	41.80	ng		99
13) 1,4-Dichlorobenzene	6.01	146	588212	41.36	ng		97
14) 1,2-Dichlorobenzene	6.19	146	537591	41.21	ng		96
15) Benzyl Alcohol	6.15	79	435617	42.58	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.31	45	810067	40.43	ng		99
17) 2-Methylphenol	6.28	107	445424	41.30	ng		98
18) Hexachloroethane	6.58	117	210772	41.80	ng	#	81
19) n-Nitroso-di-n-propylamine	6.47	70	374174	41.36	ng		98
20) 3+4-Methylphenols	6.46	107	525962	41.19	ng		99
22) Acetophenone	6.46	105	696763	39.99	ng		96
24) Nitrobenzene	6.66	77	564041	41.63	ng		92
25) Isophorone	6.95	82	992846	39.51	ng		96
26) 2-Nitrophenol	7.03	139	283476	46.26	ng		94
27) 2,4-Dimethylphenol	7.09	122	460366	36.53	ng		99
28) bis(2-Chloroethoxy)methane	7.21	93	656510	40.61	ng		99
29) 2,4-Dichlorophenol	7.32	162	434860	40.54	ng		97
30) 1,2,4-Trichlorobenzene	7.43	180	441594	39.64	ng		99
31) Naphthalene	7.52	128	1532957	41.05	ng		100
32) Benzoic acid	7.24	122	345015	44.02	ng		99
33) 4-Chloroaniline	7.58	127	633300	39.46	ng		95
34) Hexachlorobutadiene	7.68	225	226160	38.60	ng		98
35) Caprolactam	8.03	113	141104	41.90	ng		97
36) 4-Chloro-3-methylphenol	8.18	107	452440	40.70	ng		89
37) 2-Methylnaphthalene	8.36	142	1028689	42.20	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	389556	41.12	ng		100
40) Hexachlorocyclopentadiene	8.56	237	197403	41.30	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	280557	40.79	ng		99
43) 2,4,5-Trichlorophenol	8.75	196	314407	44.04	ng		93
45) 1,1'-Biphenyl	8.94	154	1157210	39.80	ng		97
46) 2-Chloronaphthalene	8.96	162	898720	40.32	ng		94
47) 2-Nitroaniline	9.08	65	280589	45.07	ng	#	84
48) Acenaphthylene	9.47	152	1510441	41.64	ng		99
49) Dimethylphthalate	9.32	163	1015083	39.87	ng		99
50) 2,6-Dinitrotoluene	9.39	165	243051	43.49	ng		90
51) Acenaphthene	9.68	154	865568	39.95	ng		99
52) 3-Nitroaniline	9.59	138	279698	41.69	ng		92
53) 2,4-Dinitrophenol	9.71	184	117004	53.33	ng	#	75
54) Dibenzofuran	9.89	168	1207734	41.42	ng		100
55) 4-Nitrophenol	9.79	139	227904	45.22	ng	#	69
56) 2,4-Dinitrotoluene	9.88	165	309865	43.67	ng	#	86
57) Fluorene	10.32	166	926214	41.48	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.04	232	211509	43.12	ng		99
59) Diethylphthalate	10.19	149	1009079	40.67	ng		100
60) 4-Chlorophenyl-phenylether	10.32	204	400397	42.54	ng		90
61) 4-Nitroaniline	10.34	138	273339	45.55	ng		94
62) Azobenzene	10.52	77	966211	39.37	ng		96
64) 4,6-Dinitro-2-methylphenol	10.38	198	162920	44.93	ng	#	71
65) n-Nitrosodiphenylamine	10.47	169	859465	41.19	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	248288	41.22	ng		97
67) Hexachlorobenzene	10.99	284	248671	40.03	ng	#	90
68) Atrazine	11.13	200	262229	40.94	ng		96
69) Pentachlorophenol	11.23	266	160891	44.29	ng		99
70) Phenanthrene	11.49	178	1369045	41.08	ng		100
71) Anthracene	11.56	178	1421993	41.44	ng		99
72) Carbazole	11.75	167	1461246	43.01	ng		99
73) Di-n-butylphthalate	12.20	149	1552520	42.46	ng		100
74) Fluoranthene	12.96	202	1406757	41.06	ng		100
76) Benzidine	13.12	184	820519	37.15	ng		97
77) Pyrene	13.23	202	1464302	34.95	ng		100
79) Butylbenzylphthalate	14.04	149	655896	35.03	ng	#	82
80) Benzo(a)anthracene	14.70	228	1186991	37.64	ng		98
81) 3,3'-Dichlorobenzidine	14.67	252	441386	37.15	ng	#	97
82) Chrysene	14.75	228	1087656	34.52	ng		100
83) Bis(2-ethylhexyl)phthalate	14.76	149	887754	39.36	ng		99
84) Di-n-octyl phthalate	15.52	149	1505124	36.57	ng		99
85) Indeno(1,2,3-cd)pyrene	17.74	276	915109	35.47	ng		98
87) Benzo(b)fluoranthene	15.94	252	1010955	37.17	ng		99
88) Benzo(k)fluoranthene	15.97	252	997105	49.65	ng		96
89) Benzo(a)pyrene	16.29	252	939037	42.58	ng		98
90) Dibenzo(a,h)anthracene	17.77	278	771271	42.12	ng		95
91) Benzo(g,h,i)perylene	18.16	276	768629	42.29	ng		98

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

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