Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094446.D
Acq On : 17 Apr 2017 13:39
Operator : SJ/MA
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
mohammad
4/18/2017 3:07:48 PM

Quant Time: Apr 17 14:43:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 13:38:44 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	148740	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	589566	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	267509	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	468922	20.00	ng		0.00
75) Chrysene-d12	14.47	240	377967	20.00	ng		0.00
86) Perylene-d12	16.09	264	322763	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.31	112	1015825	115.35	ng		0.00
7) Phenol-d6	5.40	99	1189208	109.16	ng		0.00
23) Nitrobenzene-d5	6.42	82	1134196	109.79	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	242272	114.61	ng		0.00
44) 2-Fluorobiphenyl	8.59	172	1952555	111.33	ng		0.00
78) Terphenyl-d14	13.20	244	1593124	94.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	306418	72.43	ng		96
3) Pyridine	2.59	79	705382	61.17	ng		99
4) n-Nitrosodimethylamine	2.56	42	287155	60.52	ng		88
6) Aniline	5.39	93	794285	52.41	ng	#	87
8) 2-Chlorophenol	5.53	128	582361	60.16	ng		100
9) Benzaldehyde	5.26	77	454306	61.76	ng		97
10) Phenol	5.41	94	736861	59.44	ng		97
11) bis(2-Chloroethyl)ether	5.48	93	551599	56.93	ng		98
12) 1,3-Dichlorobenzene	5.70	146	652510	60.10	ng		99
13) 1,4-Dichlorobenzene	5.79	146	649470	59.06	ng		98
14) 1,2-Dichlorobenzene	5.96	146	574799	56.76	ng		95
15) Benzyl Alcohol	5.95	79	435273	54.59	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.10	45	701918	47.02	ng	#	37
17) 2-Methylphenol	6.09	107	462169	55.75	ng	#	91
18) Hexachloroethane	6.35	117	229523	59.38	ng		88
19) n-Nitroso-di-n-propylamine	6.26	70	404686	57.80	ng		97
20) 3+4-Methylphenols	6.27	107	625110	62.26	ng	#	63
22) Acetophenone	6.25	105	843355	64.18	ng	#	86
24) Nitrobenzene	6.45	77	590580	57.96	ng		94
25) Isophorone	6.73	82	1061722	58.49	ng		95
26) 2-Nitrophenol	6.82	139	330332	67.98	ng		97
27) 2,4-Dimethylphenol	6.90	122	515582	61.58	ng		97
28) bis(2-Chloroethoxy)methane	6.99	93	675138	56.40	ng		99
29) 2,4-Dichlorophenol	7.12	162	478167	61.08	ng		98
30) 1,2,4-Trichlorobenzene	7.20	180	489082	60.66	ng		98
31) Naphthalene	7.29	128	1611779	56.86	ng		99
32) Benzoic acid	7.10	122	303466	54.45	ng		94
33) 4-Chloroaniline	7.37	127	685262	59.64	ng	#	94
34) Hexachlorobutadiene	7.45	225	242992	58.77	ng		99
35) Caprolactam	7.84	113	157448m	63.07	ng		
36) 4-Chloro-3-methylphenol	8.00	107	505928	61.85	ng		89
37) 2-Methylnaphthalene	8.13	142	1106016	58.53	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	429548	58.70	ng		100
40) Hexachlorocyclopentadiene	8.33	237	201233	58.76	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	316624	61.15	ng		98
43) 2,4,5-Trichlorophenol	8.55	196	319423	57.02	ng		95
45) 1,1'-Biphenyl	8.71	154	1199785	55.60	ng		97
46) 2-Chloronaphthalene	8.73	162	966109	57.20	ng	#	93
47) 2-Nitroaniline	8.86	65	298871	59.65	ng	#	84
48) Acenaphthylene	9.23	152	1498322	53.38	ng		99
49) Dimethylphthalate	9.11	163	1152323	60.60	ng		98
50) 2,6-Dinitrotoluene	9.17	165	265246	60.85	ng	#	87
51) Acenaphthene	9.45	154	904656	55.23	ng		99
52) 3-Nitroaniline	9.37	138	304354	59.46	ng		91
53) 2,4-Dinitrophenol	9.50	184	142112	68.41	ng	#	73
54) Dibenzofuran	9.66	168	1286208	57.68	ng		98
55) 4-Nitrophenol	9.63	139	230556	57.52	ng	#	73
56) 2,4-Dinitrotoluene	9.67	165	316593	57.82	ng		95
57) Fluorene	10.08	166	979071	52.95	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	233693	60.79	ng		98
59) Diethylphthalate	9.97	149	1076627	57.28	ng		99
60) 4-Chlorophenyl-phenylether	10.09	204	417571	53.01	ng		94
61) 4-Nitroaniline	10.13	138	313784	63.88	ng		97
62) Azobenzene	10.28	77	1055116	59.35	ng		97
64) 4,6-Dinitro-2-methylphenol	10.17	198	190832	66.45	ng	#	64
65) n-Nitrosodiphenylamine	10.24	169	923845	56.97	ng		99
66) 4-Bromophenyl-phenylether	10.69	248	268916	58.31	ng		96
67) Hexachlorobenzene	10.76	284	270073	57.85	ng	#	89
68) Atrazine	10.92	200	281808	58.02	ng		96
69) Pentachlorophenol	11.00	266	122918	42.30	ng		99
70) Phenanthrene	11.26	178	1458087	55.90	ng		99
71) Anthracene	11.32	178	1521679	56.66	ng		99
72) Carbazole	11.53	167	1428834	51.88	ng		98
73) Di-n-butylphthalate	11.97	149	1617574	56.48	ng		99
74) Fluoranthene	12.72	202	1522326	56.99	ng		99
76) Benzidine	12.89	184	914298	61.12	ng		98
77) Pyrene	12.99	202	1556560	56.75	ng		99
79) Butylbenzylphthalate	13.81	149	709672	60.72	ng	#	87
80) Benzo(a)anthracene	14.46	228	1283783	58.25	ng		99
81) 3,3'-Dichlorobenzidine	14.44	252	442781	56.20	ng	#	95
82) Chrysene	14.51	228	1150159	56.23	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	930770	58.37	ng	#	100
84) Di-n-octyl phthalate	15.28	149	1567065	58.83	ng		98
85) Indeno(1,2,3-cd)pyrene	17.37	276	1043282	58.90	ng		100
87) Benzo(b)fluoranthene	15.69	252	1124409	56.83	ng		98
88) Benzo(k)fluoranthene	15.73	252	1081225m	55.86	ng		
89) Benzo(a)pyrene	16.04	252	1045120	57.36	ng		99
90) Dibenzo(a,h)anthracene	17.39	278	854734	55.40	ng		99
91) Benzo(g,h,i)perylene	17.74	276	874044	56.21	ng		98

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

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