Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
Data File : BF093938.D
Acq On : 27 Mar 2017 12:06
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/28/2017 3:42:52 PM

Quant Time: Mar 27 16:12:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.95	152	186049	20.00	ng		0.00
21) Naphthalene-d8	7.46	136	753424	20.00	ng		0.00
38) Acenaphthene-d10	9.60	164	340843	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	611576	20.00	ng		0.00
75) Chrysene-d12	14.68	240	501713	20.00	ng		0.00
86) Perylene-d12	16.31	264	397253	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.47	112	873696	79.32	ng		0.00
7) Phenol-d6	5.55	99	1081620	79.37	ng		0.00
23) Nitrobenzene-d5	6.60	82	1056500	80.03	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	235967	87.61	ng		0.00
44) 2-Fluorobiphenyl	8.78	172	1804446	80.75	ng		0.00
78) Terphenyl-d14	13.40	244	1755561	78.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	207795	39.27	ng		97
3) Pyridine	2.81	79	577425	40.03	ng		99
4) n-Nitrosodimethylamine	2.77	42	239257	40.32	ng		88
6) Aniline	5.57	93	738355	38.95	ng		97
8) 2-Chlorophenol	5.72	128	489576	40.44	ng		94
9) Benzaldehyde	5.45	77	350780	38.12	ng		97
10) Phenol	5.56	94	611289	39.42	ng		90
11) bis(2-Chloroethyl)ether	5.66	93	480372	39.64	ng		97
12) 1,3-Dichlorobenzene	5.89	146	540944	39.83	ng		100
13) 1,4-Dichlorobenzene	5.97	146	553747	40.26	ng		97
14) 1,2-Dichlorobenzene	6.15	146	505876	39.93	ng		96
15) Benzyl Alcohol	6.12	79	400773	40.18	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.27	45	709909	38.02	ng		99
17) 2-Methylphenol	6.25	107	416845	40.20	ng		97
18) Hexachloroethane	6.55	117	195151	40.36	ng	#	86
19) n-Nitroso-di-n-propylamine	6.44	70	336674	38.44	ng		98
20) 3+4-Methylphenols	6.43	107	500812	39.88	ng	#	80
22) Acetophenone	6.43	105	681727	40.60	ng	#	91
24) Nitrobenzene	6.63	77	516123	39.64	ng		93
25) Isophorone	6.92	82	918164	39.58	ng		95
26) 2-Nitrophenol	7.00	139	268509	43.24	ng		96
27) 2,4-Dimethylphenol	7.06	122	428796	40.08	ng		98
28) bis(2-Chloroethoxy)methane	7.17	93	600009	39.22	ng		100
29) 2,4-Dichlorophenol	7.29	162	411736	41.16	ng		97
30) 1,2,4-Trichlorobenzene	7.39	180	412236	40.01	ng		98
31) Naphthalene	7.49	128	1440248	39.76	ng		99
32) Benzoic acid	7.22	122	263984	37.06	ng		98
33) 4-Chloroaniline	7.55	127	584618	39.82	ng		94
34) Hexachlorobutadiene	7.64	225	211892	40.10	ng		98
35) Caprolactam	8.00	113	134872	42.28	ng		92
36) 4-Chloro-3-methylphenol	8.16	107	426487	40.80	ng		93
37) 2-Methylnaphthalene	8.33	142	971839	40.24	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.53	216	373889	40.10	ng		100
40) Hexachlorocyclopentadiene	8.52	237	180925	41.47	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.67	196	273249	41.42	ng		98
43) 2,4,5-Trichlorophenol	8.72	196	295218	41.36	ng		94
45) 1,1'-Biphenyl	8.90	154	1085403	39.48	ng		97
46) 2-Chloronaphthalene	8.92	162	856929	39.82	ng		94
47) 2-Nitroaniline	9.05	65	266959	41.82	ng	#	85
48) Acenaphthylene	9.43	152	1438312	40.21	ng		99
49) Dimethylphthalate	9.29	163	984924	40.65	ng		100
50) 2,6-Dinitrotoluene	9.35	165	235011	42.31	ng	#	87
51) Acenaphthene	9.65	154	822761	39.42	ng		100
52) 3-Nitroaniline	9.55	138	276386	42.38	ng		91
53) 2,4-Dinitrophenol	9.68	184	116251	41.50	ng	#	74
54) Dibenzofuran	9.86	168	1120704	39.45	ng		98
55) 4-Nitrophenol	9.77	139	214294	41.96	ng	#	71
56) 2,4-Dinitrotoluene	9.85	165	293152	42.02	ng	#	77
57) Fluorene	10.27	166	911896	38.71	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	201281	41.10	ng		98
59) Diethylphthalate	10.16	149	985435	41.15	ng		100
60) 4-Chlorophenyl-phenylether	10.28	204	385287	38.39	ng		94
61) 4-Nitroaniline	10.31	138	277466	44.33	ng		96
62) Azobenzene	10.47	77	905177	39.96	ng		97
64) 4,6-Dinitro-2-methylphenol	10.35	198	160752	42.92	ng	#	69
65) n-Nitrosodiphenylamine	10.43	169	837592	39.60	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	244622	40.67	ng		99
67) Hexachlorobenzene	10.95	284	249387	40.96	ng	#	82
68) Atrazine	11.10	200	262300	41.41	ng		96
69) Pentachlorophenol	11.20	266	141197	37.26	ng		100
70) Phenanthrene	11.46	178	1345294	39.54	ng		99
71) Anthracene	11.52	178	1397260	39.89	ng		98
72) Carbazole	11.72	167	1425463	39.68	ng		99
73) Di-n-butylphthalate	12.17	149	1518365	40.65	ng		99
74) Fluoranthene	12.92	202	1409588	40.46	ng		99
76) Benzidine	13.09	184	794692	40.02	ng		96
77) Pyrene	13.20	202	1444424	39.67	ng		99
79) Butylbenzylphthalate	14.01	149	654909	42.21	ng		88
80) Benzo(a)anthracene	14.67	228	1175682	40.19	ng		99
81) 3,3'-Dichlorobenzidine	14.64	252	448043	42.84	ng	#	97
82) Chrysene	14.72	228	1054871	38.85	ng		99
83) Bis(2-ethylhexyl)phthalate	14.72	149	840938	39.73	ng	#	100
84) Di-n-octyl phthalate	15.48	149	1470231	41.58	ng		98
85) Indeno(1,2,3-cd)pyrene	17.69	276	906772	38.56	ng		99
87) Benzo(b)fluoranthene	15.90	252	1045633	42.94	ng		98
88) Benzo(k)fluoranthene	15.93	252	920435m	38.63	ng		
89) Benzo(a)pyrene	16.25	252	920155	41.03	ng		98
90) Dibenzo(a,h)anthracene	17.71	278	763658	40.21	ng		97
91) Benzo(g,h,i)perylene	18.10	276	765785	40.01	ng		99

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

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