Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093763.D
Acq On : 20 Mar 2017 13:38
Operator : SJ/MA
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
mohammad
3/21/2017 2:44:58 PM

Quant Time: Mar 20 15:54:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 11:55:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	216367	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	890859	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	410094	20.00	ng		-0.01
63) Phenanthrene-d10	11.35	188	679122	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	406355	20.00	ng		-0.02
86) Perylene-d12	15.39	264	401237	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1357317	104.59	ng		-0.01
7) Phenol-d6	6.47	99	1759823	109.41	ng		-0.01
23) Nitrobenzene-d5	7.41	82	1717080	115.68	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	358534	133.58	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	2503168	115.18	ng		-0.01
78) Terphenyl-d14	12.94	244	2177761	115.35	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	372567	55.59	ng		99
3) Pyridine	3.14	79	1027766	56.07	ng		100
4) n-Nitrosodimethylamine	3.09	42	447332	55.77	ng		97
6) Aniline	6.50	93	1206184	52.45	ng		97
8) 2-Chlorophenol	6.63	128	798595	55.34	ng		86
9) Benzaldehyde	6.38	77	612921	65.81	ng		96
10) Phenol	6.49	94	1002556	53.31	ng		77
11) bis(2-Chloroethyl)ether	6.57	93	796420	53.74	ng		96
12) 1,3-Dichlorobenzene	6.78	146	843690	52.78	ng		98
13) 1,4-Dichlorobenzene	6.86	146	923754	56.43	ng		98
14) 1,2-Dichlorobenzene	7.02	146	782569m	51.12	ng		
15) Benzyl Alcohol	6.98	79	647526	53.77	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1277558	54.68	ng		100
17) 2-Methylphenol	7.10	107	683817	54.75	ng		99
18) Hexachloroethane	7.36	117	332572	57.18	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	600444	56.22	ng		97
20) 3+4-Methylphenols	7.26	107	798140	53.90	ng		94
22) Acetophenone	7.26	105	1068900	53.85	ng	#	94
24) Nitrobenzene	7.43	77	905096	56.41	ng	#	81
25) Isophorone	7.67	82	1628447	57.00	ng		97
26) 2-Nitrophenol	7.74	139	427194	70.32	ng		94
27) 2,4-Dimethylphenol	7.78	122	783789	56.38	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	979415	54.31	ng		100
29) 2,4-Dichlorophenol	7.98	162	659992	55.26	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	696642	55.96	ng		98
31) Naphthalene	8.15	128	2400473	55.27	ng		99
32) Benzoic acid	7.92	122	563853	77.51	ng		99
33) 4-Chloroaniline	8.20	127	1036959	57.00	ng	#	92
34) Hexachlorobutadiene	8.28	225	370378	56.80	ng		98
35) Caprolactam	8.58	113	246076	61.38	ng	#	77
36) 4-Chloro-3-methylphenol	8.68	107	643461	51.17	ng		86
37) 2-Methylnaphthalene	8.84	142	1407732	50.04	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	600675	62.56	ng		99
40) Hexachlorocyclopentadiene	9.00	237	300901	62.72	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	448925	63.40	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	474380	64.98	ng	#	86
45) 1,1'-Biphenyl	9.30	154	1693213	58.88	ng		98
46) 2-Chloronaphthalene	9.33	162	1416322	61.38	ng		95
47) 2-Nitroaniline	9.42	65	462248	69.25	ng	#	69
48) Acenaphthylene	9.74	152	2111148	56.11	ng		99
49) Dimethylphthalate	9.61	163	1708282	63.77	ng		99
50) 2,6-Dinitrotoluene	9.66	165	357889	61.86	ng	#	77
51) Acenaphthene	9.91	154	1254599	56.58	ng		99
52) 3-Nitroaniline	9.83	138	477671	69.58	ng		86
53) 2,4-Dinitrophenol	9.93	184	167780	97.31	ng	#	47
54) Dibenzofuran	10.08	168	1719640	57.05	ng		97
55) 4-Nitrophenol	9.98	139	309457	59.76	ng	#	62
56) 2,4-Dinitrotoluene	10.06	165	450973	58.56	ng	#	76
57) Fluorene	10.42	166	1275455	52.16	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	307166	61.19	ng		97
59) Diethylphthalate	10.31	149	1604016	62.91	ng		96
60) 4-Chlorophenyl-phenylether	10.41	204	554569	53.83	ng		99
61) 4-Nitroaniline	10.44	138	419001	65.59	ng		91
62) Azobenzene	10.57	77	1522197	59.09	ng		99
64) 4,6-Dinitro-2-methylphenol	10.47	198	256115	86.27	ng	#	73
65) n-Nitrosodiphenylamine	10.54	169	1336422	58.29	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	368587	57.41	ng		96
67) Hexachlorobenzene	10.97	284	377961	56.33	ng	#	87
68) Atrazine	11.07	200	383848	58.14	ng		94
69) Pentachlorophenol	11.16	266	239286	62.25	ng		100
70) Phenanthrene	11.39	178	2091345	54.47	ng		99
71) Anthracene	11.43	178	1897259	50.50	ng		99
72) Carbazole	11.58	167	1870512	47.56	ng		100
73) Di-n-butylphthalate	11.92	149	2112053	52.53	ng		99
74) Fluoranthene	12.56	202	2059324	55.35	ng		99
76) Benzidine	12.68	184	1060178	66.77	ng		96
77) Pyrene	12.79	202	2184215	63.20	ng		100
79) Butylbenzylphthalate	13.41	149	954847	65.04	ng	#	74
80) Benzo(a)anthracene	13.97	228	1522748	58.39	ng		100
81) 3,3'-Dichlorobenzidine	13.93	252	570380	62.35	ng		98
82) Chrysene	14.01	228	1633520	64.81	ng		100
83) Bis(2-ethylhexyl)phthalate	13.98	149	1170564	72.52	ng	#	98
84) Di-n-octyl phthalate	14.59	149	2173184	73.03	ng		100
85) Indeno(1,2,3-cd)pyrene	16.76	276	1247835	58.45	ng		99
87) Benzo(b)fluoranthene	14.99	252	1784633m	70.17	ng		
88) Benzo(k)fluoranthene	15.02	252	972785m	43.28	ng		
89) Benzo(a)pyrene	15.33	252	1252460	55.72	ng		97
90) Dibenzo(a,h)anthracene	16.77	278	1069281	56.22	ng		96
91) Benzo(g,h,i)perylene	17.17	276	1063615	54.99	ng		96

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

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