Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093762.D
Acq On : 20 Mar 2017 13:11
Operator : SJ/MA
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
mohammad
3/21/2017 2:45:15 PM

Quant Time: Mar 20 15:54:25 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 13:13:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	226007	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	964891	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	431034	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	729505	20.00	ng		0.00
75) Chrysene-d12	13.98	240	452306	20.00	ng		0.00
86) Perylene-d12	15.39	264	472465	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1176727	86.81	ng		0.00
7) Phenol-d6	6.47	99	1522077	90.59	ng		0.00
23) Nitrobenzene-d5	7.41	82	1618551	100.68	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	342806	121.52	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	2301700	100.77	ng		0.00
78) Terphenyl-d14	12.94	244	2103458	100.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	327389	46.77	ng		98
3) Pyridine	3.14	79	922338	48.17	ng		99
4) n-Nitrosodimethylamine	3.09	42	390899	46.66	ng		97
6) Aniline	6.49	93	1119537	46.61	ng	#	88
8) 2-Chlorophenol	6.62	128	685960	45.51	ng		94
9) Benzaldehyde	6.38	77	552896	56.83	ng		97
10) Phenol	6.48	94	812118	41.34	ng		89
11) bis(2-Chloroethyl)ether	6.57	93	665672	43.00	ng		97
12) 1,3-Dichlorobenzene	6.78	146	758265	45.41	ng		98
13) 1,4-Dichlorobenzene	6.86	146	833643	48.75	ng		98
14) 1,2-Dichlorobenzene	7.02	146	685294m	42.86	ng		
15) Benzyl Alcohol	6.98	79	617186	49.07	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1145687	46.94	ng		99
17) 2-Methylphenol	7.10	107	628568	48.18	ng		97
18) Hexachloroethane	7.36	117	298224	49.09	ng		95
19) n-Nitroso-di-n-propylamine	7.27	70	536000	48.05	ng	#	91
20) 3+4-Methylphenols	7.25	107	721622	46.65	ng		95
22) Acetophenone	7.26	105	968287	45.04	ng	#	89
24) Nitrobenzene	7.42	77	744515	42.84	ng		96
25) Isophorone	7.67	82	1461135	47.22	ng		95
26) 2-Nitrophenol	7.74	139	383809	58.33	ng		94
27) 2,4-Dimethylphenol	7.78	122	725166	48.16	ng		97
28) bis(2-Chloroethoxy)methane	7.88	93	856395	43.84	ng		99
29) 2,4-Dichlorophenol	7.98	162	588488	45.49	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	634718	47.07	ng		99
31) Naphthalene	8.15	128	2179535	46.33	ng		99
32) Benzoic acid	7.91	122	474337	60.20	ng		98
33) 4-Chloroaniline	8.20	127	936439	47.53	ng	#	91
34) Hexachlorobutadiene	8.28	225	333392	47.21	ng		98
35) Caprolactam	8.57	113	193272	44.51	ng		98
36) 4-Chloro-3-methylphenol	8.68	107	619507	45.48	ng		87
37) 2-Methylnaphthalene	8.84	142	1300780	42.69	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	559857	55.47	ng		99
40) Hexachlorocyclopentadiene	9.00	237	277092	54.95	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	412684	55.45	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	422493	55.06	ng	#	85
45) 1,1'-Biphenyl	9.30	154	1570719	51.97	ng		98
46) 2-Chloronaphthalene	9.33	162	1306389	53.87	ng		96
47) 2-Nitroaniline	9.42	65	408691	58.25	ng	#	65
48) Acenaphthylene	9.74	152	1963410	49.65	ng		99
49) Dimethylphthalate	9.60	163	1461624	51.92	ng		99
50) 2,6-Dinitrotoluene	9.66	165	315126	51.82	ng	#	78
51) Acenaphthene	9.91	154	1151662	49.41	ng		99
52) 3-Nitroaniline	9.83	138	437844	60.68	ng	#	75
53) 2,4-Dinitrophenol	9.92	184	133103	73.45	ng	#	44
54) Dibenzofuran	10.08	168	1614137	50.94	ng		98
55) 4-Nitrophenol	9.98	139	295356	54.26	ng	#	65
56) 2,4-Dinitrotoluene	10.06	165	411724	50.86	ng	#	78
57) Fluorene	10.42	166	1245806	48.47	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	279537	52.98	ng		96
59) Diethylphthalate	10.30	149	1424306	53.15	ng		99
60) 4-Chlorophenyl-phenylether	10.41	204	509067	47.01	ng		99
61) 4-Nitroaniline	10.44	138	320945	47.80	ng		91
62) Azobenzene	10.57	77	1397494	51.62	ng		99
64) 4,6-Dinitro-2-methylphenol	10.47	198	243453	76.34	ng	#	54
65) n-Nitrosodiphenylamine	10.54	169	1242371	50.45	ng		100
66) 4-Bromophenyl-phenylether	10.90	248	339267	49.20	ng		97
67) Hexachlorobenzene	10.97	284	358578	49.75	ng	#	93
68) Atrazine	11.06	200	390459	55.06	ng		95
69) Pentachlorophenol	11.16	266	217880	52.76	ng		99
70) Phenanthrene	11.37	178	1781300	43.19	ng		100
71) Anthracene	11.43	178	1852730	45.91	ng		100
72) Carbazole	11.58	167	1708620	40.45	ng		100
73) Di-n-butylphthalate	11.92	149	2015433	46.67	ng		99
74) Fluoranthene	12.56	202	1912685	47.85	ng		99
76) Benzidine	12.68	184	993757	56.23	ng		98
77) Pyrene	12.79	202	2017226	52.44	ng		100
79) Butylbenzylphthalate	13.41	149	850499	52.05	ng	#	74
80) Benzo(a)anthracene	13.97	228	1440475	49.62	ng		100
81) 3,3'-Dichlorobenzidine	13.93	252	535092	52.55	ng		98
82) Chrysene	14.01	228	1527063	54.43	ng		100
83) Bis(2-ethylhexyl)phthalate	13.98	149	1066469	59.36	ng	#	99
84) Di-n-octyl phthalate	14.59	149	2027915	61.22	ng		99
85) Indeno(1,2,3-cd)pyrene	16.75	276	1198675	50.45	ng		99
87) Benzo(b)fluoranthene	14.99	252	1732352m	57.84	ng		
88) Benzo(k)fluoranthene	15.02	252	930857m	35.17	ng		
89) Benzo(a)pyrene	15.33	252	1233171	46.59	ng		97
90) Dibenzo(a,h)anthracene	16.77	278	1026884	45.85	ng		96
91) Benzo(g,h,i)perylene	17.17	276	1015307	44.58	ng		94

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

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