Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093764.D
Acq On : 20 Mar 2017 14:05
Operator : SJ/MA
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

mohammad

3/21/2017 2:45:18 PM

Quant Time: Mar 20 15:32:11 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	227003	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	918044	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	404501	20.00	ng		-0.01
63) Phenanthrene-d10	11.35	188	692592	20.00	ng		-0.01
75) Chrysene-d12	13.99	240	353755	20.00	ng		-0.01
86) Perylene-d12	15.39	264	406095	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1995036	146.53	ng		0.00
7) Phenol-d6	6.48	99	2241234	132.81	ng		0.00
23) Nitrobenzene-d5	7.42	82	2483792	162.38	ng		0.01
41) 2,4,6-Tribromophenol	10.66	330	401514	151.67	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	3315723	154.68	ng		0.00
78) Terphenyl-d14	12.94	244	2769410	168.50	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	525386	74.72	ng		97
3) Pyridine	3.14	79	1461333	75.99	ng		97
4) n-Nitrosodimethylamine	3.11	42	627593	74.58	ng		97
6) Aniline	6.50	93	1603562	66.46	ng	#	87
8) 2-Chlorophenol	6.63	128	1017662	67.22	ng		99
9) Benzaldehyde	6.38	77	827703	84.70	ng		96
10) Phenol	6.49	94	1176532	59.63	ng	#	73
11) bis(2-Chloroethyl)ether	6.58	93	1059361	68.13	ng		99
12) 1,3-Dichlorobenzene	6.78	146	1165541	69.49	ng		97
13) 1,4-Dichlorobenzene	6.86	146	1098715	63.97	ng		96
14) 1,2-Dichlorobenzene	7.02	146	1035440	64.47	ng		97
15) Benzyl Alcohol	6.98	79	825040	65.31	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1761169	71.84	ng		100
17) 2-Methylphenol	7.10	107	968974	73.94	ng		99
18) Hexachloroethane	7.36	117	445491	73.01	ng		90
19) n-Nitroso-di-n-propylamine	7.28	70	799285	71.33	ng		96
20) 3+4-Methylphenols	7.26	107	988882	63.65	ng	#	87
22) Acetophenone	7.26	105	1311543	64.12	ng	#	96
24) Nitrobenzene	7.43	77	1008748	61.01	ng		99
25) Isophorone	7.68	82	2227557	75.66	ng	#	94
26) 2-Nitrophenol	7.74	139	572951	91.52	ng	#	91
27) 2,4-Dimethylphenol	7.78	122	997954	69.66	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	1431462	77.02	ng		99
29) 2,4-Dichlorophenol	7.99	162	960945	78.07	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	846265	65.96	ng		98
31) Naphthalene	8.15	128	2710246	60.55	ng		98
32) Benzoic acid	7.94	122	785546	104.79	ng		98
33) 4-Chloroaniline	8.20	127	1130860	60.32	ng		97
34) Hexachlorobutadiene	8.28	225	458095	68.17	ng		98
35) Caprolactam	8.60	113	284159	68.78	ng		98
36) 4-Chloro-3-methylphenol	8.69	107	991622	76.51	ng		90
37) 2-Methylnaphthalene	8.84	142	1938330	66.86	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	631230	66.65	ng		98
40) Hexachlorocyclopentadiene	9.01	237	430276	90.93	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	618328	88.54	ng		97
43) 2,4,5-Trichlorophenol	9.16	196	578325	80.32	ng		97
46) 2-Chloronaphthalene	9.33	162	1595177	70.09	ng	#	93
47) 2-Nitroaniline	9.42	65	533857	81.08	ng		90
48) Acenaphthylene	9.74	152	2825322	76.13	ng		99
49) Dimethylphthalate	9.61	163	1860512	70.42	ng		99
50) 2,6-Dinitrotoluene	9.67	165	544134	95.35	ng		98
51) Acenaphthene	9.92	154	1802680	82.42	ng		97
52) 3-Nitroaniline	9.83	138	535620	79.10	ng		97
53) 2,4-Dinitrophenol	9.93	184	231402	136.06	ng	#	77
54) Dibenzofuran	10.08	168	2200599	74.01	ng		95
55) 4-Nitrophenol	9.99	139	456754	89.42	ng	#	65
56) 2,4-Dinitrotoluene	10.07	165	701060	92.29	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.21	232	417425	84.30	ng		97
59) Diethylphthalate	10.31	149	1937427	77.04	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	741386	72.96	ng	#	84
61) 4-Nitroaniline	10.45	138	549958	87.28	ng		92
62) Azobenzene	10.58	77	2110479	83.06	ng		88
64) 4,6-Dinitro-2-methylphenol	10.48	198	367286	121.31	ng	#	45
65) n-Nitrosodiphenylamine	10.54	169	1505691	64.40	ng		100
66) 4-Bromophenyl-phenylether	10.90	248	462651	70.67	ng	#	89
67) Hexachlorobenzene	10.97	284	463179	67.68	ng	#	81
68) Atrazine	11.06	200	533812	79.29	ng		94
69) Pentachlorophenol	11.16	266	334504	85.32	ng		99
70) Phenanthrene	11.38	178	2537704	64.81	ng		100
71) Anthracene	11.43	178	2465959	64.36	ng		99
72) Carbazole	11.59	167	2798872	69.78	ng		98
73) Di-n-butylphthalate	11.92	149	2717604	66.28	ng		99
74) Fluoranthene	12.56	202	2272238	59.88	ng		98
76) Benzidine	12.69	184	1452332	105.07	ng	#	94
77) Pyrene	12.79	202	2371998	78.84	ng		99
79) Butylbenzylphthalate	13.42	149	1284148	100.48	ng		98
80) Benzo(a)anthracene	13.97	228	1835866	80.86	ng		100
81) 3,3'-Dichlorobenzidine	13.95	252	800457	100.50	ng	#	93
82) Chrysene	14.01	228	1805596	82.28	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	1275440	90.77	ng	#	99
84) Di-n-octyl phthalate	14.59	149	2525227	97.48	ng		100
85) Indeno(1,2,3-cd)pyrene	16.76	276	1698443	91.39	ng		99
87) Benzo(b)fluoranthene	15.00	252	2030176m	78.87	ng		
88) Benzo(k)fluoranthene	15.02	252	1432482m	62.97	ng		
89) Benzo(a)pyrene	15.34	252	1708159	75.08	ng		97
90) Dibenzo(a,h)anthracene	16.78	278	1430182	74.30	ng		98
91) Benzo(g,h,i)perylene	17.18	276	1479700	75.59	ng		96

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

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