Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
Data File : BF093739.D
Acq On : 18 Mar 2017 8:32
Operator : SJ/MA
Sample : PB97641BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97641BS

Manual Integrations APPROVED
mohammad
3/20/2017 12:59:39 PM

Quant Time: Mar 20 01:18:03 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 05:21:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	191446	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	785684	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	375055	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	633816	20.00	ng		0.00
75) Chrysene-d12	14.00	240	411752	20.00	ng		0.00
86) Perylene-d12	15.41	264	447928	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1661516	144.69	ng		0.01
7) Phenol-d6	6.48	99	1887875	132.65	ng		0.00
23) Nitrobenzene-d5	7.41	82	1267581	96.83	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	394491	160.71	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1977911	99.52	ng		0.00
78) Terphenyl-d14	12.95	244	1539028	80.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	247303	41.71	ng		99
3) Pyridine	3.25	79	711584	43.88	ng		99
4) n-Nitrosodimethylamine	3.19	42	329989	46.50	ng		94
6) Aniline	6.50	93	228098	11.21	ng	#	86
8) 2-Chlorophenol	6.63	128	592387	46.40	ng		95
9) Benzaldehyde	6.39	77	291082	36.35	ng		96
10) Phenol	6.49	94	630997	37.92	ng		99
11) bis(2-Chloroethyl)ether	6.58	93	569226	43.41	ng		99
12) 1,3-Dichlorobenzene	6.79	146	664024	46.94	ng		100
13) 1,4-Dichlorobenzene	6.87	146	681525	47.05	ng		99
14) 1,2-Dichlorobenzene	7.02	146	588749	43.47	ng		99
15) Benzyl Alcohol	6.98	79	515763	48.41	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	871877	42.17	ng		100
17) 2-Methylphenol	7.11	107	557927	50.48	ng		96
18) Hexachloroethane	7.36	117	236290	45.92	ng	#	76
19) n-Nitroso-di-n-propylamine	7.27	70	434974	46.03	ng		99
20) 3+4-Methylphenols	7.26	107	570794	43.56	ng		99
22) Acetophenone	7.26	105	782747	44.72	ng		98
24) Nitrobenzene	7.43	77	689953	48.76	ng		97
25) Isophorone	7.67	82	1182647	46.93	ng		98
26) 2-Nitrophenol	7.75	139	343191	64.05	ng		99
27) 2,4-Dimethylphenol	7.80	122	620393	50.60	ng		93
28) bis(2-Chloroethoxy)methane	7.89	93	768811	48.34	ng		99
29) 2,4-Dichlorophenol	7.99	162	534692	50.76	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	526211	47.92	ng		99
31) Naphthalene	8.15	128	1749211	45.66	ng		100
32) Benzoic acid	7.91	122	397874	52.12	ng		99
33) 4-Chloroaniline	8.20	127	70008	4.36	ng		96
34) Hexachlorobutadiene	8.29	225	267905	46.59	ng		99
35) Caprolactam	8.57	113	189905m	53.71	ng		
36) 4-Chloro-3-methylphenol	8.69	107	578608	52.17	ng		88
37) 2-Methylnaphthalene	8.85	142	1186889	47.84	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	448495	51.07	ng		99
40) Hexachlorocyclopentadiene	9.01	237	449640	102.48	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	363878	56.19	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	345301	51.72	ng	#	85
45) 1,1'-Biphenyl	9.32	154	1414682	53.79	ng		99
46) 2-Chloronaphthalene	9.34	162	1108636	52.54	ng		99
47) 2-Nitroaniline	9.42	65	299856	49.12	ng		99
48) Acenaphthylene	9.75	152	1752969	50.94	ng		100
49) Dimethylphthalate	9.61	163	1171787	47.83	ng		100
50) 2,6-Dinitrotoluene	9.67	165	311039	58.78	ng		97
51) Acenaphthene	9.92	154	1158455	57.12	ng		99
52) 3-Nitroaniline	9.83	138	73749	11.75	ng		87
53) 2,4-Dinitrophenol	9.94	184	270417	103.27	ng	#	52
54) Dibenzofuran	10.09	168	1476876	53.57	ng		98
55) 4-Nitrophenol	10.00	139	592399	125.08	ng		91
56) 2,4-Dinitrotoluene	10.07	165	350772	49.80	ng	#	74
57) Fluorene	10.44	166	1108596	49.57	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	261030	56.85	ng		97
59) Diethylphthalate	10.32	149	1243250	53.32	ng		96
60) 4-Chlorophenyl-phenylether	10.42	204	442556	46.97	ng		98
61) 4-Nitroaniline	10.45	138	277598	47.51	ng		90
62) Azobenzene	10.58	77	1310631	55.63	ng		100
64) 4,6-Dinitro-2-methylphenol	10.48	198	184542	54.02	ng	#	43
65) n-Nitrosodiphenylamine	10.55	169	1073866	50.19	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	282840	47.21	ng		96
67) Hexachlorobenzene	10.98	284	305299	48.75	ng	#	93
68) Atrazine	11.08	200	337589	54.79	ng		97
69) Pentachlorophenol	11.17	266	341513	95.19	ng		99
70) Phenanthrene	11.39	178	1599653	44.64	ng		99
71) Anthracene	11.44	178	1585128	45.21	ng		100
72) Carbazole	11.59	167	1462430	39.84	ng		99
73) Di-n-butylphthalate	11.93	149	1715278	45.72	ng		100
74) Fluoranthene	12.57	202	1623943	46.76	ng		100
76) Benzidine	12.69	184	474031	29.46	ng		95
77) Pyrene	12.80	202	1700124	48.55	ng		100
79) Butylbenzylphthalate	13.43	149	800879	53.84	ng		100
80) Benzo(a)anthracene	13.98	228	1296922	49.08	ng		100
81) 3,3'-Dichlorobenzidine	13.95	252	173379	18.70	ng		98
82) Chrysene	14.03	228	1295463	50.72	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	843200	51.55	ng		100
84) Di-n-octyl phthalate	14.60	149	1764921	58.53	ng		98
85) Indeno(1,2,3-cd)pyrene	16.79	276	1132595	52.36	ng		99
87) Benzo(b)fluoranthene	15.01	252	1235470	43.51	ng		98
88) Benzo(k)fluoranthene	15.04	252	1248893m	49.77	ng		
89) Benzo(a)pyrene	15.35	252	1183519	47.16	ng		97
90) Dibenzo(a,h)anthracene	16.80	278	950728	44.78	ng		96
91) Benzo(g,h,i)perylene	17.20	276	929687	43.06	ng		96

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

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