Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
Data File : BF094020.D
Acq On : 29 Mar 2017 16:04
Operator : SJ/MA
Sample : PB97899BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97899BS

Manual Integrations APPROVED
mohammad
3/30/2017 2:31:28 PM

Quant Time: Mar 30 03:38:20 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	5.92	152	162320	20.00	ng		-0.03
21) Naphthalene-d8	7.42	136	652487	20.00	ng		-0.04
38) Acenaphthene-d10	9.57	164	306423	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	543904	20.00	ng		-0.03
75) Chrysene-d12	14.64	240	439196	20.00	ng		-0.04
86) Perylene-d12	16.27	264	337914	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	4.46	112	1213513	126.27	ng		-0.01
7) Phenol-d6	5.53	99	1533497	128.99	ng		-0.02
23) Nitrobenzene-d5	6.57	82	947332	82.86	ng		-0.03
41) 2,4,6-Tribromophenol	10.55	330	351152	145.02	ng		-0.03
44) 2-Fluorobiphenyl	8.75	172	1785253	88.86	ng		-0.03
78) Terphenyl-d14	13.37	244	1507203	76.92	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	163247	35.36	ng		98
3) Pyridine	2.82	79	451652	35.89	ng		99
4) n-Nitrosodimethylamine	2.78	42	217435	41.99	ng		90
6) Aniline	5.55	93	365217	22.08	ng	#	9
8) 2-Chlorophenol	5.69	128	478429	45.29	ng		96
9) Benzaldehyde	5.41	77	98888	12.32	ng		98
10) Phenol	5.54	94	563615	41.66	ng		94
11) bis(2-Chloroethyl)ether	5.63	93	439124	41.53	ng		99
12) 1,3-Dichlorobenzene	5.86	146	501919	42.36	ng		99
13) 1,4-Dichlorobenzene	5.94	146	513456	42.78	ng		97
14) 1,2-Dichlorobenzene	6.12	146	474969	42.98	ng		96
15) Benzyl Alcohol	6.09	79	395152	45.41	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.25	45	632370	38.81	ng		98
17) 2-Methylphenol	6.23	107	401674	44.40	ng		98
18) Hexachloroethane	6.51	117	183914	43.60	ng	#	83
19) n-Nitroso-di-n-propylamine	6.41	70	323488	42.34	ng		97
20) 3+4-Methylphenols	6.41	107	492273	44.93	ng	#	64
22) Acetophenone	6.39	105	659539	45.35	ng	#	88
24) Nitrobenzene	6.59	77	486246	43.12	ng		96
25) Isophorone	6.88	82	886061	44.10	ng		97
26) 2-Nitrophenol	6.97	139	271975	50.58	ng		97
27) 2,4-Dimethylphenol	7.03	122	441719	47.67	ng		99
28) bis(2-Chloroethoxy)methane	7.15	93	572282	43.20	ng		98
29) 2,4-Dichlorophenol	7.26	162	420087	48.49	ng		98
30) 1,2,4-Trichlorobenzene	7.36	180	400200	44.85	ng		99
31) Naphthalene	7.45	128	1339786	42.70	ng		99
32) Benzoic acid	7.19	122	282392	45.78	ng		96
33) 4-Chloroaniline	7.52	127	186969	14.70	ng	#	93
34) Hexachlorobutadiene	7.61	225	201546	44.04	ng		97
35) Caprolactam	7.97	113	142024m	51.41	ng		
36) 4-Chloro-3-methylphenol	8.13	107	445294	49.19	ng		88
37) 2-Methylnaphthalene	8.29	142	947330	45.30	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.50	216	344642	41.11	ng		99
40) Hexachlorocyclopentadiene	8.49	237	368408	93.92	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	287295	48.44	ng		99
43) 2,4,5-Trichlorophenol	8.70	196	299535	46.68	ng		94
45) 1,1'-Biphenyl	8.87	154	1069266	43.26	ng		98
46) 2-Chloronaphthalene	8.89	162	842978	43.57	ng		94
47) 2-Nitroaniline	9.02	65	263763	45.96	ng		88
48) Acenaphthylene	9.40	152	1349191	41.96	ng		100
49) Dimethylphthalate	9.26	163	1016715	46.68	ng		99
50) 2,6-Dinitrotoluene	9.32	165	234724	47.01	ng	#	88
51) Acenaphthene	9.61	154	812009	43.28	ng		99
52) 3-Nitroaniline	9.52	138	136186	23.23	ng		85
53) 2,4-Dinitrophenol	9.66	184	230348	85.85	ng	#	72
54) Dibenzofuran	9.83	168	1174591	45.99	ng		99
55) 4-Nitrophenol	9.76	139	409444	89.17	ng	#	68
56) 2,4-Dinitrotoluene	9.82	165	291655	46.50	ng	#	75
57) Fluorene	10.25	166	875300	41.33	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	218887	49.71	ng		98
59) Diethylphthalate	10.13	149	1010416	46.93	ng		100
60) 4-Chlorophenyl-phenylether	10.25	204	382003	42.34	ng		93
61) 4-Nitroaniline	10.29	138	251637	44.72	ng		95
62) Azobenzene	10.45	77	971868	47.72	ng		96
64) 4,6-Dinitro-2-methylphenol	10.32	198	154537	46.39	ng	#	73
65) n-Nitrosodiphenylamine	10.40	169	845476	44.95	ng		97
66) 4-Bromophenyl-phenylether	10.85	248	245284	45.85	ng		98
67) Hexachlorobenzene	10.92	284	251612	46.46	ng	#	89
68) Atrazine	11.07	200	259435	46.05	ng		97
69) Pentachlorophenol	11.17	266	270328	80.20	ng		97
70) Phenanthrene	11.42	178	1330062	43.96	ng		99
71) Anthracene	11.49	178	1382046	44.36	ng		99
72) Carbazole	11.69	167	1298033	40.63	ng		99
73) Di-n-butylphthalate	12.14	149	1558690	46.92	ng		99
74) Fluoranthene	12.89	202	1381664	44.60	ng		100
76) Benzidine	13.05	184	409052	23.53	ng	#	93
77) Pyrene	13.16	202	1387033	43.52	ng		100
79) Butylbenzylphthalate	13.98	149	670646	49.38	ng	#	87
80) Benzo(a)anthracene	14.63	228	1159210	45.26	ng		100
81) 3,3'-Dichlorobenzidine	14.60	252	219417	23.97	ng	#	97
82) Chrysene	14.68	228	1010094	42.50	ng		99
83) Bis(2-ethylhexyl)phthalate	14.69	149	899485	48.55	ng	#	99
84) Di-n-octyl phthalate	15.45	149	1519333	49.08	ng		98
85) Indeno(1,2,3-cd)pyrene	17.64	276	811832	39.44	ng		99
87) Benzo(b)fluoranthene	15.87	252	953817	46.05	ng		98
88) Benzo(k)fluoranthene	15.90	252	930041	45.89	ng		96
89) Benzo(a)pyrene	16.22	252	877492	46.00	ng		99
90) Dibenzo(a,h)anthracene	17.66	278	666954	41.29	ng		98
91) Benzo(g,h,i)perylene	18.04	276	666906	40.97	ng		98

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

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