Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
Data File : BF093737.D
Acq On : 18 Mar 2017 7:21
Operator : SJ/MA
Sample : PB97625BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97625BS

Manual Integrations APPROVED
mohammad
3/20/2017 12:59:36 PM

Quant Time: Mar 20 01:15:53 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	185362	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	748076	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	354331	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	614493	20.00	ng		0.00
75) Chrysene-d12	13.99	240	392207	20.00	ng		-0.01
86) Perylene-d12	15.41	264	374193	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1361826	122.49	ng		0.01
7) Phenol-d6	6.48	99	1714350	124.41	ng		0.00
23) Nitrobenzene-d5	7.41	82	1130040	90.66	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	385494	166.23	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1860418	99.08	ng		0.00
78) Terphenyl-d14	12.95	244	1595046	87.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	209182	36.44	ng		98
3) Pyridine	3.24	79	611984	38.97	ng		98
4) n-Nitrosodimethylamine	3.18	42	300642	43.75	ng		95
6) Aniline	6.50	93	438205	22.24	ng		99
8) 2-Chlorophenol	6.63	128	536947	43.43	ng		95
9) Benzaldehyde	6.39	77	299992	39.72	ng		95
10) Phenol	6.49	94	669357	41.54	ng		98
11) bis(2-Chloroethyl)ether	6.58	93	535651	42.19	ng		100
12) 1,3-Dichlorobenzene	6.79	146	604157	44.11	ng		99
13) 1,4-Dichlorobenzene	6.87	146	613376	43.74	ng		99
14) 1,2-Dichlorobenzene	7.02	146	545955	41.63	ng		98
15) Benzyl Alcohol	6.98	79	480689	46.60	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	790821	39.51	ng		99
17) 2-Methylphenol	7.11	107	494477	46.21	ng		94
18) Hexachloroethane	7.36	117	212778	42.70	ng	#	77
19) n-Nitroso-di-n-propylamine	7.27	70	410186	44.83	ng		98
20) 3+4-Methylphenols	7.26	107	531493	41.89	ng		99
22) Acetophenone	7.26	105	706072	42.36	ng	#	98
24) Nitrobenzene	7.43	77	633926	47.05	ng		97
25) Isophorone	7.67	82	1069360	44.57	ng		98
26) 2-Nitrophenol	7.75	139	295608	57.94	ng		96
27) 2,4-Dimethylphenol	7.78	122	547932	46.94	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	704193	46.50	ng		99
29) 2,4-Dichlorophenol	7.99	162	494288	49.28	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	480130	45.93	ng		97
31) Naphthalene	8.15	128	1566695	42.95	ng		99
32) Benzoic acid	7.91	122	331376	46.07	ng		100
33) 4-Chloroaniline	8.20	127	147602	9.66	ng		96
34) Hexachlorobutadiene	8.29	225	236036	43.11	ng		98
35) Caprolactam	8.56	113	162941m	48.40	ng		
36) 4-Chloro-3-methylphenol	8.69	107	544805	51.59	ng		92
37) 2-Methylnaphthalene	8.85	142	1111593	47.06	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	404288	48.73	ng		99
40) Hexachlorocyclopentadiene	9.01	237	396916	95.76	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	335569	54.85	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	301183	47.75	ng		97
45) 1,1'-Biphenyl	9.32	154	1234060	49.67	ng		98
46) 2-Chloronaphthalene	9.33	162	958069	48.06	ng	#	91
47) 2-Nitroaniline	9.42	65	271021	46.99	ng		98
48) Acenaphthylene	9.75	152	1657916	51.00	ng		100
49) Dimethylphthalate	9.61	163	1136854	49.12	ng		100
50) 2,6-Dinitrotoluene	9.67	165	287191	57.45	ng		96
51) Acenaphthene	9.92	154	1065409	55.61	ng		98
52) 3-Nitroaniline	9.83	138	133219	22.46	ng		86
53) 2,4-Dinitrophenol	9.93	184	199469	87.20	ng	#	78
54) Dibenzofuran	10.09	168	1423937	54.67	ng		99
55) 4-Nitrophenol	9.99	139	477947	106.81	ng	#	60
56) 2,4-Dinitrotoluene	10.07	165	365810	54.97	ng	#	83
57) Fluorene	10.44	166	1047598	49.58	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	256885	59.22	ng		99
59) Diethylphthalate	10.31	149	1112827	50.51	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	407371	45.77	ng		98
61) 4-Nitroaniline	10.45	138	294210	53.30	ng		91
62) Azobenzene	10.58	77	1219827	54.81	ng		100
64) 4,6-Dinitro-2-methylphenol	10.47	198	145726	44.73	ng		93
65) n-Nitrosodiphenylamine	10.55	169	988895	47.67	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	277035	47.69	ng		96
67) Hexachlorobenzene	10.98	284	293687	48.37	ng		99
68) Atrazine	11.08	200	319025	53.41	ng		100
69) Pentachlorophenol	11.17	266	310215	89.18	ng		99
70) Phenanthrene	11.39	178	1443945	41.56	ng		100
71) Anthracene	11.44	178	1564366	46.02	ng		100
72) Carbazole	11.59	167	1417166	39.82	ng		100
73) Di-n-butylphthalate	11.93	149	1618291	44.49	ng		100
74) Fluoranthene	12.57	202	1594116	47.35	ng		99
76) Benzidine	12.69	184	538745	35.15	ng		96
77) Pyrene	12.80	202	1651143	49.50	ng		99
79) Butylbenzylphthalate	13.43	149	741940	52.36	ng		97
80) Benzo(a)anthracene	13.98	228	1182370	46.97	ng		100
81) 3,3'-Dichlorobenzidine	13.95	252	190698	21.60	ng	#	96
82) Chrysene	14.03	228	1219347	50.12	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	818704	52.55	ng		100
84) Di-n-octyl phthalate	14.60	149	1530010	53.27	ng		100
85) Indeno(1,2,3-cd)pyrene	16.78	276	990125	48.05	ng		100
87) Benzo(b)fluoranthene	15.01	252	1142394m	48.16	ng		
88) Benzo(k)fluoranthene	15.03	252	912806m	43.54	ng		
89) Benzo(a)pyrene	15.35	252	990330	47.24	ng		100
90) Dibenzo(a,h)anthracene	16.80	278	837831	47.24	ng		99
91) Benzo(g,h,i)perylene	17.19	276	829197	45.97	ng		98

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

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