Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
Data File : BF094093.D
Acq On : 31 Mar 2017 13:54
Operator : SJ/MA
Sample : PB97953BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97953BS

Manual Integrations APPROVED
mohammad
4/3/2017 3:25:37 PM

Quant Time: Mar 31 23:45:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	166435	20.00	ng		0.00
21) Naphthalene-d8	7.40	136	671938	20.00	ng		0.00
38) Acenaphthene-d10	9.55	164	304444	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	524045	20.00	ng		0.00
75) Chrysene-d12	14.63	240	392085	20.00	ng		0.00
86) Perylene-d12	16.25	264	277675	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.45	112	1285282	130.43	ng		0.01
7) Phenol-d6	5.51	99	1606555	131.79	ng		0.00
23) Nitrobenzene-d5	6.55	82	1011697	85.92	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	341463	141.94	ng		0.00
44) 2-Fluorobiphenyl	8.73	172	1840485	92.21	ng		0.00
78) Terphenyl-d14	13.35	244	1506579	86.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	176286	37.24	ng		98
3) Pyridine	2.80	79	498424	38.63	ng		98
4) n-Nitrosodimethylamine	2.77	42	233427	43.97	ng		91
6) Aniline	5.52	93	431774	25.46	ng	#	3
8) 2-Chlorophenol	5.67	128	508589	46.96	ng		94
9) Benzaldehyde	5.39	77	90937	11.05	ng		99
10) Phenol	5.53	94	599974	43.25	ng		93
11) bis(2-Chloroethyl)ether	5.61	93	471566	43.50	ng		97
12) 1,3-Dichlorobenzene	5.83	146	537048	44.20	ng		100
13) 1,4-Dichlorobenzene	5.92	146	547381	44.48	ng		98
14) 1,2-Dichlorobenzene	6.09	146	509033	44.92	ng		97
15) Benzyl Alcohol	6.07	79	410233	45.98	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.23	45	646559	38.70	ng		96
17) 2-Methylphenol	6.21	107	421396	45.43	ng		97
18) Hexachloroethane	6.49	117	191518	44.28	ng	#	84
19) n-Nitroso-di-n-propylamine	6.39	70	346232	44.19	ng		96
20) 3+4-Methylphenols	6.39	107	537190	47.82	ng	#	63
22) Acetophenone	6.37	105	702884	46.93	ng	#	88
24) Nitrobenzene	6.57	77	510697	43.98	ng		92
25) Isophorone	6.86	82	920743	44.50	ng		95
26) 2-Nitrophenol	6.95	139	283486	51.19	ng		94
27) 2,4-Dimethylphenol	7.02	122	463975	48.62	ng		98
28) bis(2-Chloroethoxy)methane	7.12	93	602013	44.12	ng		99
29) 2,4-Dichlorophenol	7.25	162	433289	48.57	ng		99
30) 1,2,4-Trichlorobenzene	7.34	180	424157	46.16	ng		98
31) Naphthalene	7.43	128	1431018	44.29	ng		100
32) Benzoic acid	7.17	122	212158	33.40	ng		93
33) 4-Chloroaniline	7.50	127	273057	20.85	ng	#	93
34) Hexachlorobutadiene	7.59	225	214811	45.58	ng		98
35) Caprolactam	7.94	113	139650m	49.08	ng		
36) 4-Chloro-3-methylphenol	8.12	107	456902	49.01	ng		88
37) 2-Methylnaphthalene	8.27	142	1000253	46.44	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.48	216	369351	44.35	ng		99
40) Hexachlorocyclopentadiene	8.47	237	358340	91.95	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.63	196	289126	49.07	ng		98
43) 2,4,5-Trichlorophenol	8.68	196	289830	45.46	ng		94
45) 1,1'-Biphenyl	8.85	154	1121660	45.68	ng		99
46) 2-Chloronaphthalene	8.87	162	879099	45.73	ng		95
47) 2-Nitroaniline	9.00	65	268419	47.07	ng	#	80
48) Acenaphthylene	9.37	152	1393887	43.63	ng		100
49) Dimethylphthalate	9.24	163	1026332	47.43	ng		99
50) 2,6-Dinitrotoluene	9.30	165	234135	47.20	ng		95
51) Acenaphthene	9.59	154	829352	44.49	ng		99
52) 3-Nitroaniline	9.50	138	159187	27.33	ng		88
53) 2,4-Dinitrophenol	9.63	184	171434	65.48	ng	#	73
54) Dibenzofuran	9.80	168	1194066	47.06	ng		99
55) 4-Nitrophenol	9.75	139	349941	76.71	ng	#	67
56) 2,4-Dinitrotoluene	9.80	165	284139	45.60	ng	#	69
57) Fluorene	10.22	166	916355	43.55	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	212294	48.53	ng		98
59) Diethylphthalate	10.11	149	986593	46.13	ng		98
60) 4-Chlorophenyl-phenylether	10.23	204	389974	43.50	ng		94
61) 4-Nitroaniline	10.26	138	253983	45.43	ng		96
62) Azobenzene	10.43	77	959236	47.41	ng		93
64) 4,6-Dinitro-2-methylphenol	10.30	198	131072	40.84	ng	#	76
65) n-Nitrosodiphenylamine	10.38	169	853312	47.09	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	243413	47.23	ng		98
67) Hexachlorobenzene	10.90	284	249089	47.74	ng	#	84
68) Atrazine	11.05	200	252859	46.58	ng		96
69) Pentachlorophenol	11.15	266	229168	70.57	ng		99
70) Phenanthrene	11.40	178	1335010	45.80	ng		98
71) Anthracene	11.46	178	1375931	45.84	ng		99
72) Carbazole	11.67	167	1278135	41.53	ng		99
73) Di-n-butylphthalate	12.12	149	1530087	47.80	ng		99
74) Fluoranthene	12.86	202	1364596	45.71	ng		99
76) Benzidine	13.03	184	402190	25.92	ng	#	94
77) Pyrene	13.14	202	1373615	48.27	ng		100
79) Butylbenzylphthalate	13.96	149	640434	52.82	ng	#	85
80) Benzo(a)anthracene	14.61	228	1074338	46.99	ng		100
81) 3,3'-Dichlorobenzidine	14.59	252	224161	27.43	ng	#	95
82) Chrysene	14.66	228	947205	44.64	ng		100
83) Bis(2-ethylhexyl)phthalate	14.67	149	867978	52.47	ng	#	99
84) Di-n-octyl phthalate	15.43	149	1390237	50.31	ng		97
85) Indeno(1,2,3-cd)pyrene	17.60	276	793866	43.20	ng		100
87) Benzo(b)fluoranthene	15.84	252	866810	50.93	ng		98
88) Benzo(k)fluoranthene	15.88	252	741858m	44.55	ng		
89) Benzo(a)pyrene	16.20	252	746556	47.63	ng		99
90) Dibenzo(a,h)anthracene	17.63	278	658191	49.58	ng		98
91) Benzo(g,h,i)perylene	18.00	276	677301	50.63	ng		98

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

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