Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091394.D
Acq On : 2 Dec 2016 17:33
Operator : UM/SJ
Sample : PB94987BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94987BS

Manual Integrations APPROVED
sohil
12/5/2016 11:20:52 AM

Quant Time: Dec 02 23:01:13 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	197663	20.00	ng		-0.02
21) Naphthalene-d8	8.15	136	824529	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	458357	20.00	ng		-0.02
63) Phenanthrene-d10	11.38	188	849716	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	672031	20.00	ng		-0.02
86) Perylene-d12	15.45	264	551939	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1213758	100.31	ng		0.00
7) Phenol-d6	6.49	99	1487890	99.90	ng		0.00
23) Nitrobenzene-d5	7.43	82	1062532	72.22	ng		-0.02
41) 2,4,6-Tribromophenol	10.69	330	501939	115.67	ng		-0.02
44) 2-Fluorobiphenyl	9.22	172	1733254	68.47	ng		-0.02
78) Terphenyl-d14	12.97	244	2084293	67.41	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	147444	26.94	ng	#	85
3) Pyridine	3.25	79	458617	29.61	ng	#	81
4) n-Nitrosodimethylamine	3.20	42	285469	35.12	ng		100
6) Aniline	6.52	93	368147	18.61	ng	#	81
8) 2-Chlorophenol	6.64	128	438466	33.05	ng	#	79
9) Benzaldehyde	6.40	77	145260	15.17	ng		85
10) Phenol	6.50	94	532468	30.38	ng		99
11) bis(2-Chloroethyl)ether	6.60	93	415471	33.18	ng		96
12) 1,3-Dichlorobenzene	6.80	146	503215	34.10	ng		98
13) 1,4-Dichlorobenzene	6.88	146	500902	34.12	ng		97
14) 1,2-Dichlorobenzene	7.03	146	454186	33.22	ng		98
15) Benzyl Alcohol	7.01	79	455591	38.22	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	897244	33.32	ng		72
17) 2-Methylphenol	7.12	107	395500	37.72	ng	#	76
18) Hexachloroethane	7.37	117	176819	33.93	ng	#	85
19) n-Nitroso-di-n-propylamine	7.28	70	356113	37.95	ng	#	93
20) 3+4-Methylphenols	7.27	107	457084	35.70	ng	#	64
22) Acetophenone	7.27	105	618999	31.67	ng	#	77
24) Nitrobenzene	7.44	77	479649	31.84	ng	#	91
25) Isophorone	7.68	82	925354	35.50	ng		97
26) 2-Nitrophenol	7.76	139	254094	37.01	ng		90
27) 2,4-Dimethylphenol	7.80	122	437853	34.10	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	587250	37.43	ng		100
29) 2,4-Dichlorophenol	8.00	162	394498	34.92	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	437482	34.54	ng		96
31) Naphthalene	8.17	128	1327671	33.88	ng		99
32) Benzoic acid	7.93	122	353925	37.39	ng		84
33) 4-Chloroaniline	8.21	127	127405	7.61	ng	#	94
34) Hexachlorobutadiene	8.29	225	245529	31.53	ng		96
35) Caprolactam	8.58	113	138055m	42.52	ng		
36) 4-Chloro-3-methylphenol	8.70	107	423145	34.69	ng		98
37) 2-Methylnaphthalene	8.86	142	879012	33.02	ng		93
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	455481	35.25	ng		98
40) Hexachlorocyclopentadiene	9.02	237	498080	83.16	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	312945	37.26	ng		94
43) 2,4,5-Trichlorophenol	9.18	196	307473	36.54	ng	#	91
45) 1,1'-Biphenyl	9.33	154	1201482	36.45	ng		96
46) 2-Chloronaphthalene	9.35	162	890643	36.29	ng		97
47) 2-Nitroaniline	9.44	65	328554	37.27	ng	#	80
48) Acenaphthylene	9.76	152	1257980	32.56	ng		99
49) Dimethylphthalate	9.64	163	1028006	37.04	ng		99
50) 2,6-Dinitrotoluene	9.68	165	232616	37.50	ng		91
51) Acenaphthene	9.93	154	939960	36.07	ng		97
52) 3-Nitroaniline	9.85	138	124982	17.41	ng		90
53) 2,4-Dinitrophenol	9.96	184	236070m	87.02	ng		
54) Dibenzofuran	10.10	168	1202779	34.47	ng		99
55) 4-Nitrophenol	10.01	139	399548	77.04	ng		94
56) 2,4-Dinitrotoluene	10.09	165	369925	45.97	ng		95
57) Fluorene	10.45	166	884503	33.02	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	270111	37.59	ng		97
59) Diethylphthalate	10.33	149	1076051	39.28	ng		95
60) 4-Chlorophenyl-phenylether	10.45	204	476060	35.43	ng		98
61) 4-Nitroaniline	10.47	138	241046	35.75	ng		90
62) Azobenzene	10.61	77	1160802	41.52	ng		98
64) 4,6-Dinitro-2-methylphenol	10.49	198	169746	36.26	ng	#	81
65) n-Nitrosodiphenylamine	10.56	169	823987	31.98	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	308777	33.81	ng	#	72
67) Hexachlorobenzene	11.00	284	313204	31.74	ng	#	83
68) Atrazine	11.09	200	282404	33.85	ng		99
69) Pentachlorophenol	11.19	266	399342	68.73	ng		94
70) Phenanthrene	11.41	178	1403312	31.78	ng		100
71) Anthracene	11.46	178	1642292	37.48	ng		99
72) Carbazole	11.61	167	1348031	33.90	ng		99
73) Di-n-butylphthalate	11.96	149	1646144	36.53	ng	#	98
74) Fluoranthene	12.60	202	1704854	40.76	ng		98
76) Benzidine	12.71	184	382078	19.37	ng		98
77) Pyrene	12.83	202	1703804	33.41	ng		100
79) Butylbenzylphthalate	13.44	149	675918	35.39	ng		88
80) Benzo(a)anthracene	14.01	228	1333327	33.93	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	259236	18.72	ng	#	96
82) Chrysene	14.05	228	1335866	34.35	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	918895	37.96	ng	#	92
84) Di-n-octyl phthalate	14.62	149	1526404	41.67	ng		98
85) Indeno(1,2,3-cd)pyrene	16.85	276	1113891	31.28	ng	#	95
87) Benzo(b)fluoranthene	15.04	252	1250825	36.46	ng	#	95
88) Benzo(k)fluoranthene	15.07	252	1013959m	35.15	ng		
89) Benzo(a)pyrene	15.40	252	1072236	34.80	ng	#	92
90) Dibenzo(a,h)anthracene	16.87	278	910225	31.94	ng	#	95
91) Benzo(g,h,i)perylene	17.27	276	928661	31.61	ng		100

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

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