Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091579.D
Acq On : 14 Dec 2016 11:54
Operator : UM/SJ
Sample : PB95306BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95306BS

Manual Integrations APPROVED
sohil
12/15/2016 5:39:04 PM

Quant Time: Dec 15 00:26:37 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	289162	20.00	ng		-0.02
21) Naphthalene-d8	8.09	136	1149933	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	592142	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	855586	20.00	ng		-0.01
75) Chrysene-d12	13.96	240	593256	20.00	ng		0.00
86) Perylene-d12	15.38	264	576583	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	2179306	126.97	ng		0.00
7) Phenol-d6	6.45	99	2932005	137.03	ng		0.00
23) Nitrobenzene-d5	7.37	82	1762245	85.53	ng		-0.01
41) 2,4,6-Tribromophenol	10.64	330	608334	123.69	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	3044131	88.83	ng		-0.01
78) Terphenyl-d14	12.91	244	2060637	78.82	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	324708	35.85	ng	#	86
3) Pyridine	3.13	79	954302	39.54	ng	#	80
4) n-Nitrosodimethylamine	3.08	42	457122	44.08	ng	#	62
6) Aniline	6.46	93	672376	23.97	ng	#	40
8) 2-Chlorophenol	6.59	128	866516	44.73	ng		95
9) Benzaldehyde	6.34	77	150032	10.19	ng		90
10) Phenol	6.46	94	1177559	47.07	ng		96
11) bis(2-Chloroethyl)ether	6.54	93	921987	49.06	ng	#	84
12) 1,3-Dichlorobenzene	6.74	146	867467	41.29	ng	#	95
13) 1,4-Dichlorobenzene	6.82	146	879163	42.43	ng		97
14) 1,2-Dichlorobenzene	6.98	146	825774m	44.22	ng		
15) Benzyl Alcohol	6.94	79	724668	42.89	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1330543	45.68	ng		82
17) 2-Methylphenol	7.07	107	743257	46.37	ng	#	76
18) Hexachloroethane	7.32	117	344137	42.55	ng		94
19) n-Nitroso-di-n-propylamine	7.23	70	641783	47.97	ng	#	71
20) 3+4-Methylphenols	7.22	107	830125	48.17	ng	#	62
22) Acetophenone	7.22	105	1211434	43.97	ng	#	95
24) Nitrobenzene	7.39	77	1028496	47.25	ng	#	83
25) Isophorone	7.63	82	1722763	47.04	ng		100
26) 2-Nitrophenol	7.71	139	460242	47.91	ng	#	67
27) 2,4-Dimethylphenol	7.76	122	824329	48.85	ng		92
28) bis(2-Chloroethoxy)methane	7.85	93	1137246	52.94	ng		99
29) 2,4-Dichlorophenol	7.95	162	688975	46.93	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	720117	43.16	ng		99
31) Naphthalene	8.11	128	2298461	42.96	ng		99
32) Benzoic acid	7.88	122	534097	44.50	ng		93
33) 4-Chloroaniline	8.16	127	264359	11.47	ng		98
34) Hexachlorobutadiene	8.24	225	424417	44.37	ng		99
35) Caprolactam	8.53	113	208975	48.74	ng	#	61
36) 4-Chloro-3-methylphenol	8.66	107	784307	47.63	ng		88
37) 2-Methylnaphthalene	8.81	142	1626332	46.96	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	601919	37.06	ng		99
40) Hexachlorocyclopentadiene	8.96	237	712526	98.40	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	445498	42.69	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	443091	41.32	ng	#	87
45) 1,1'-Biphenyl	9.26	154	1818961	42.41	ng		99
46) 2-Chloronaphthalene	9.29	162	1366720	41.15	ng		98
47) 2-Nitroaniline	9.39	65	496586	44.46	ng		97
48) Acenaphthylene	9.71	152	2266968	44.78	ng		99
49) Dimethylphthalate	9.57	163	1500813	40.03	ng		98
50) 2,6-Dinitrotoluene	9.63	165	334962	40.70	ng		94
51) Acenaphthene	9.88	154	1629420	46.34	ng		97
52) 3-Nitroaniline	9.80	138	173944	17.99	ng	#	75
53) 2,4-Dinitrophenol	9.90	184	342539	73.43	ng		91
54) Dibenzofuran	10.05	168	2025316	46.55	ng		97
55) 4-Nitrophenol	9.97	139	620030	86.21	ng	#	84
56) 2,4-Dinitrotoluene	10.03	165	420751	40.79	ng	#	53
57) Fluorene	10.40	166	1474039	47.72	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	363871	43.34	ng		93
59) Diethylphthalate	10.27	149	1473856	40.82	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	618282	39.53	ng	#	79
61) 4-Nitroaniline	10.41	138	322937	33.62	ng		88
62) Azobenzene	10.54	77	1857468	45.40	ng		90
64) 4,6-Dinitro-2-methylphenol	10.44	198	256324	49.25	ng	#	53
65) n-Nitrosodiphenylamine	10.51	169	1317916	51.67	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	438770	50.02	ng	#	90
67) Hexachlorobenzene	10.94	284	431209	47.28	ng	#	91
68) Atrazine	11.04	200	399455	48.70	ng		99
69) Pentachlorophenol	11.14	266	503540	98.09	ng		96
70) Phenanthrene	11.34	178	2042725	48.21	ng		100
71) Anthracene	11.40	178	2079977	45.51	ng		99
72) Carbazole	11.56	167	1916208	47.84	ng		97
73) Di-n-butylphthalate	11.89	149	2075169	44.46	ng		98
74) Fluoranthene	12.53	202	1859524	41.92	ng		96
76) Benzidine	12.66	184	535961	29.22	ng		98
77) Pyrene	12.76	202	1893627	40.23	ng		99
79) Butylbenzylphthalate	13.39	149	854424	46.57	ng		96
80) Benzo(a)anthracene	13.95	228	1511480	43.87	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	364321	29.45	ng		99
82) Chrysene	13.99	228	1267266	35.16	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	1012761	43.02	ng		99
84) Di-n-octyl phthalate	14.57	149	1878766	47.02	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.75	276	1713028	52.81	ng		98
87) Benzo(b)fluoranthene	14.98	252	1651367m	48.04	ng		
88) Benzo(k)fluoranthene	15.00	252	1146774m	37.95	ng		
89) Benzo(a)pyrene	15.32	252	1444367	46.65	ng	#	96
90) Dibenzo(a,h)anthracene	16.77	278	1394132	50.26	ng		97
91) Benzo(g,h,i)perylene	17.16	276	1502514	53.22	ng	#	94

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

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