Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
Data File : BF091472.D
Acq On : 7 Dec 2016 16:30
Operator : UM/SJ
Sample : PB95096BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95096BS

Manual Integrations APPROVED
sohil
12/8/2016 2:03:52 PM

Quant Time: Dec 08 00:39:40 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 08 00:35:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	150316	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	583580	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	368499	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	631754	20.00	ng		0.00
75) Chrysene-d12	13.99	240	502266	20.00	ng		0.01
86) Perylene-d12	15.41	264	361455	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1056682	114.84	ng		0.01
7) Phenol-d6	6.48	99	1410374	124.52	ng		0.01
23) Nitrobenzene-d5	7.40	82	941529	90.41	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	430037	123.27	ng		0.01
44) 2-Fluorobiphenyl	9.20	172	1833720	90.10	ng		0.00
78) Terphenyl-d14	12.94	244	1776933	76.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	128198	30.80	ng	#	82
3) Pyridine	3.21	79	320446	27.20	ng	#	79
4) n-Nitrosodimethylamine	3.17	42	236316	38.23	ng		96
6) Aniline	6.49	93	390687	25.97	ng	#	61
8) 2-Chlorophenol	6.62	128	401374	39.79	ng	#	81
9) Benzaldehyde	6.38	77	116462	15.99	ng		81
10) Phenol	6.49	94	503988	37.81	ng		90
11) bis(2-Chloroethyl)ether	6.57	93	377773	39.67	ng		98
12) 1,3-Dichlorobenzene	6.78	146	436189	38.87	ng		95
13) 1,4-Dichlorobenzene	6.85	146	414125	37.10	ng		95
14) 1,2-Dichlorobenzene	7.01	146	436574	41.99	ng		96
15) Benzyl Alcohol	6.98	79	392610	43.31	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	803988	39.26	ng		73
17) 2-Methylphenol	7.10	107	343207	43.04	ng	#	77
18) Hexachloroethane	7.35	117	173619	43.80	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	306656	42.97	ng	#	93
20) 3+4-Methylphenols	7.25	107	394599	40.53	ng	#	65
22) Acetophenone	7.25	105	567205	41.01	ng	#	80
24) Nitrobenzene	7.42	77	477561	44.79	ng		91
25) Isophorone	7.66	82	866196	46.95	ng		99
26) 2-Nitrophenol	7.74	139	235596	48.49	ng	#	78
27) 2,4-Dimethylphenol	7.77	122	392580	43.19	ng		97
28) bis(2-Chloroethoxy)methane	7.88	93	516358	46.50	ng		99
29) 2,4-Dichlorophenol	7.98	162	359535	44.97	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	373823	41.70	ng		98
31) Naphthalene	8.14	128	1085555	39.14	ng		99
32) Benzoic acid	7.91	122	277434	41.41	ng		99
33) 4-Chloroaniline	8.18	127	227513	19.19	ng	#	94
34) Hexachlorobutadiene	8.26	225	262656	47.65	ng		99
35) Caprolactam	8.57	113	117895m	51.30	ng		
36) 4-Chloro-3-methylphenol	8.68	107	355219	41.15	ng		99
37) 2-Methylnaphthalene	8.84	142	886675	47.06	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	385723	37.13	ng		97
40) Hexachlorocyclopentadiene	9.00	237	419668	87.15	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	280337	41.52	ng		96
43) 2,4,5-Trichlorophenol	9.16	196	267423	39.52	ng		95
45) 1,1'-Biphenyl	9.29	154	976252	36.84	ng		96
46) 2-Chloronaphthalene	9.32	162	728794	36.93	ng		98
47) 2-Nitroaniline	9.42	65	300072	42.34	ng		89
48) Acenaphthylene	9.74	152	1253632	40.36	ng		99
49) Dimethylphthalate	9.60	163	823778	36.92	ng		97
50) 2,6-Dinitrotoluene	9.66	165	191190	38.34	ng		98
51) Acenaphthene	9.91	154	945922	45.14	ng		95
52) 3-Nitroaniline	9.83	138	121910	21.12	ng		81
53) 2,4-Dinitrophenol	9.93	184	216173	99.12	ng		84
54) Dibenzofuran	10.08	168	1157817	41.27	ng		95
55) 4-Nitrophenol	9.99	139	326390	78.29	ng		93
56) 2,4-Dinitrotoluene	10.06	165	274187	42.38	ng	#	53
57) Fluorene	10.42	166	959925	44.57	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.20	232	244533	42.32	ng		97
59) Diethylphthalate	10.30	149	887155	40.28	ng		98
60) 4-Chlorophenyl-phenylether	10.41	204	388876	36.00	ng	#	84
61) 4-Nitroaniline	10.45	138	216107	39.87	ng		93
62) Azobenzene	10.57	77	927233	41.26	ng		89
64) 4,6-Dinitro-2-methylphenol	10.47	198	160727	46.18	ng	#	69
65) n-Nitrosodiphenylamine	10.54	169	844188	44.07	ng		98
66) 4-Bromophenyl-phenylether	10.90	248	304077	44.78	ng	#	86
67) Hexachlorobenzene	10.97	284	316159	43.09	ng	#	89
68) Atrazine	11.06	200	254963	41.10	ng		97
69) Pentachlorophenol	11.16	266	346267	80.16	ng		97
70) Phenanthrene	11.38	178	1436654	43.76	ng		100
71) Anthracene	11.43	178	1296065	39.78	ng		99
72) Carbazole	11.59	167	1246948	42.18	ng	#	95
73) Di-n-butylphthalate	11.92	149	1583534	47.26	ng		99
74) Fluoranthene	12.56	202	1427939	45.92	ng		99
76) Benzidine	12.68	184	264999	17.97	ng		98
77) Pyrene	12.79	202	1480788	38.85	ng		99
79) Butylbenzylphthalate	13.42	149	625180	43.80	ng	#	81
80) Benzo(a)anthracene	13.98	228	1134917	38.64	ng		98
81) 3,3'-Dichlorobenzidine	13.95	252	263456	25.46	ng	#	98
82) Chrysene	14.01	228	1057069	36.37	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	864901	47.81	ng	#	93
84) Di-n-octyl phthalate	14.59	149	1301616	47.54	ng		96
85) Indeno(1,2,3-cd)pyrene	16.79	276	937236	35.21	ng	#	92
87) Benzo(b)fluoranthene	15.00	252	1219452m	54.28	ng		
88) Benzo(k)fluoranthene	15.03	252	672189m	35.58	ng		
89) Benzo(a)pyrene	15.35	252	898617	44.54	ng	#	92
90) Dibenzo(a,h)anthracene	16.80	278	785775	42.11	ng	#	94
91) Benzo(g,h,i)perylene	17.21	276	818114	42.52	ng	#	94

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

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