Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091580.D
Acq On : 14 Dec 2016 12:34
Operator : UM/SJ
Sample : PB95306BSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95306BSD

Manual Integrations APPROVED
sohil
12/15/2016 5:39:10 PM

Quant Time: Dec 15 00:27:50 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	6.81	152	300957	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	1182661	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	588630	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	833620	20.00	ng		-0.01
75) Chrysene-d12	13.96	240	547454	20.00	ng		0.00
86) Perylene-d12	15.38	264	581009	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	2208720	123.64	ng		0.00
7) Phenol-d6	6.45	99	2981078	133.86	ng		0.00
23) Nitrobenzene-d5	7.37	82	1930820	91.12	ng		-0.01
41) 2,4,6-Tribromophenol	10.64	330	573348	117.27	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	2983798	87.59	ng		-0.01
78) Terphenyl-d14	12.91	244	2082171	86.30	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	335630	35.60	ng		87
3) Pyridine	3.13	79	909839	36.22	ng	#	80
4) n-Nitrosodimethylamine	3.08	42	472064	43.74	ng	#	66
6) Aniline	6.46	93	679466	23.27	ng	#	27
8) 2-Chlorophenol	6.59	128	856030	42.46	ng		93
9) Benzaldehyde	6.34	77	154942	10.11	ng		92
10) Phenol	6.46	94	1224250	47.02	ng		95
11) bis(2-Chloroethyl)ether	6.54	93	923341	47.20	ng		85
12) 1,3-Dichlorobenzene	6.74	146	885882m	40.51	ng		
13) 1,4-Dichlorobenzene	6.82	146	906955	42.05	ng		97
14) 1,2-Dichlorobenzene	6.98	146	854161	43.95	ng		92
15) Benzyl Alcohol	6.94	79	756753	43.04	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1374369	45.34	ng		81
17) 2-Methylphenol	7.07	107	733605	43.97	ng	#	76
18) Hexachloroethane	7.32	117	360214	42.80	ng		100
19) n-Nitroso-di-n-propylamine	7.23	70	658950	47.32	ng	#	73
20) 3+4-Methylphenols	7.22	107	867800	48.40	ng	#	55
22) Acetophenone	7.22	105	1225870	43.26	ng	#	94
24) Nitrobenzene	7.39	77	1030408	46.03	ng	#	85
25) Isophorone	7.63	82	1732521	45.99	ng		100
26) 2-Nitrophenol	7.71	139	482923	48.87	ng	#	71
27) 2,4-Dimethylphenol	7.76	122	865760	49.88	ng		92
28) bis(2-Chloroethoxy)methane	7.85	93	1144613	51.80	ng		99
29) 2,4-Dichlorophenol	7.95	162	686652	45.47	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	739440	43.09	ng		99
31) Naphthalene	8.11	128	2327744	42.30	ng		100
32) Benzoic acid	7.88	122	544082	44.13	ng		93
33) 4-Chloroaniline	8.16	127	268041	11.31	ng		98
34) Hexachlorobutadiene	8.24	225	432456	43.96	ng		98
35) Caprolactam	8.53	113	210117	47.65	ng	#	64
36) 4-Chloro-3-methylphenol	8.66	107	793202	46.84	ng		93
37) 2-Methylnaphthalene	8.81	142	1640798	46.07	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	609951	37.78	ng		98
40) Hexachlorocyclopentadiene	8.96	237	745883	103.63	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	464970	44.82	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	446045	41.84	ng	#	86
45) 1,1'-Biphenyl	9.26	154	1826821	42.85	ng		99
46) 2-Chloronaphthalene	9.29	162	1409246	42.68	ng		97
47) 2-Nitroaniline	9.39	65	492576	44.37	ng		94
48) Acenaphthylene	9.71	152	2247905	44.67	ng		99
49) Dimethylphthalate	9.57	163	1479284	39.69	ng		98
50) 2,6-Dinitrotoluene	9.63	165	324256	39.64	ng		93
51) Acenaphthene	9.88	154	1612313	46.13	ng		97
52) 3-Nitroaniline	9.80	138	176023	18.32	ng		83
53) 2,4-Dinitrophenol	9.90	184	324527	71.01	ng		89
54) Dibenzofuran	10.05	168	1944374	44.96	ng		98
55) 4-Nitrophenol	9.97	139	577118	80.72	ng		90
56) 2,4-Dinitrotoluene	10.03	165	425126	41.46	ng	#	52
57) Fluorene	10.40	166	1487887	48.54	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	357079	42.79	ng		92
59) Diethylphthalate	10.27	149	1490608	41.53	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	612146	39.37	ng	#	81
61) 4-Nitroaniline	10.41	138	314940	32.98	ng		91
62) Azobenzene	10.54	77	1764194	43.38	ng		89
64) 4,6-Dinitro-2-methylphenol	10.44	198	244629	48.30	ng	#	60
65) n-Nitrosodiphenylamine	10.51	169	1317442	53.01	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	418917	49.02	ng		92
67) Hexachlorobenzene	10.94	284	434239	48.86	ng	#	94
68) Atrazine	11.04	200	369669	46.26	ng		99
69) Pentachlorophenol	11.14	266	482525	96.48	ng		95
70) Phenanthrene	11.36	178	2064922	50.02	ng		99
71) Anthracene	11.40	178	1964122	44.11	ng		99
72) Carbazole	11.56	167	1854370	47.51	ng		98
73) Di-n-butylphthalate	11.89	149	2009819	44.20	ng		98
74) Fluoranthene	12.53	202	1756843	40.64	ng		94
76) Benzidine	12.66	184	528863	31.24	ng		99
77) Pyrene	12.76	202	1765259	40.64	ng		99
79) Butylbenzylphthalate	13.39	149	829522	49.00	ng		95
80) Benzo(a)anthracene	13.95	228	1422903	44.75	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	351638	30.80	ng	#	99
82) Chrysene	13.99	228	1312606	39.46	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	996598	45.88	ng		100
84) Di-n-octyl phthalate	14.57	149	1841858	49.96	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.76	276	1786051	59.67	ng		99
87) Benzo(b)fluoranthene	14.98	252	1593979m	46.02	ng		
88) Benzo(k)fluoranthene	15.00	252	1261241m	41.41	ng		
89) Benzo(a)pyrene	15.32	252	1447430	46.39	ng		98
90) Dibenzo(a,h)anthracene	16.77	278	1453084	51.99	ng		98
91) Benzo(g,h,i)perylene	17.17	276	1545820	54.34	ng		96

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

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