Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF101816\
Data File : BF090628.D
Acq On : 18 Oct 2016 14:59
Operator : UM/SJ
Sample : PB94148BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB94148BS

Quant Time: Oct 19 11:09:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 19:19:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	195349	20.00	ng		-0.01
21) Naphthalene-d8	8.19	136	849901	20.00	ng		-0.01
38) Acenaphthene-d10	9.95	164	434475	20.00	ng		-0.01
63) Phenanthrene-d10	11.43	188	693139	20.00	ng		-0.01
75) Chrysene-d12	14.08	240	478946	20.00	ng		-0.01
86) Perylene-d12	15.54	264	375723	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	934982	87.74	ng		-0.01
7) Phenol-d6	6.53	99	1197330	75.62	ng		-0.01
23) Nitrobenzene-d5	7.47	82	1183912	77.38	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	281291	72.62	ng		-0.01
44) 2-Fluorobiphenyl	9.26	172	1951093	73.99	ng		-0.01
78) Terphenyl-d14	13.02	244	1954898	95.04	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	204098	33.61	ng		94
3) Pyridine	3.33	79	582344m	42.78	ng		
4) n-Nitrosodimethylamine	3.27	42	205198	42.99	ng		92
6) Aniline	6.55	93	441506	23.07	ng	#	42
8) 2-Chlorophenol	6.68	128	546110	39.52	ng		98
9) Benzaldehyde	6.44	77	142703	14.18	ng		93
10) Phenol	6.55	94	667340	36.85	ng		90
11) bis(2-Chloroethyl)ether	6.63	93	597900	40.02	ng		97
12) 1,3-Dichlorobenzene	6.84	146	561508	40.75	ng		98
13) 1,4-Dichlorobenzene	6.92	146	566993	37.83	ng		99
14) 1,2-Dichlorobenzene	7.07	146	553116	39.48	ng		99
15) Benzyl Alcohol	7.05	79	508905	47.19	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.18	45	803633	38.22	ng		93
17) 2-Methylphenol	7.16	107	459760	42.70	ng		96
18) Hexachloroethane	7.41	117	223074	37.67	ng		95
19) n-Nitroso-di-n-propylamine	7.32	70	456115	42.01	ng	#	86
20) 3+4-Methylphenols	7.31	107	538475	41.25	ng		97
22) Acetophenone	7.31	105	739566	39.39	ng	#	94
24) Nitrobenzene	7.48	77	573482	36.52	ng		98
25) Isophorone	7.72	82	1164170	41.81	ng		99
26) 2-Nitrophenol	7.80	139	278698	39.12	ng		98
27) 2,4-Dimethylphenol	7.85	122	514742	43.55	ng		99
28) bis(2-Chloroethoxy)methane	7.94	93	698644	42.49	ng		99
29) 2,4-Dichlorophenol	8.05	162	409665	39.57	ng		96
30) 1,2,4-Trichlorobenzene	8.13	180	469362	38.70	ng		99
31) Naphthalene	8.21	128	1646825	38.04	ng		99
32) Benzoic acid	7.97	122	266601	36.72	ng		97
33) 4-Chloroaniline	8.26	127	199407	12.05	ng		98
34) Hexachlorobutadiene	8.33	225	239229	35.31	ng		99
35) Caprolactam	8.63	113	149995m	51.91	ng		
36) 4-Chloro-3-methylphenol	8.75	107	495754	41.50	ng	#	81
37) 2-Methylnaphthalene	8.90	142	956358	37.61	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	438571	38.07	ng		99
40) Hexachlorocyclopentadiene	9.06	237	439873	78.16	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	297143	45.73	ng		98
43) 2,4,5-Trichlorophenol	9.23	196	312122	40.27	ng	#	88
45) 1,1'-Biphenyl	9.37	154	1190080	35.99	ng		98
46) 2-Chloronaphthalene	9.39	162	940327	38.15	ng		97
47) 2-Nitroaniline	9.49	65	366983	41.06	ng		100
48) Acenaphthylene	9.81	152	1560948	39.76	ng		99
49) Dimethylphthalate	9.67	163	1191442	42.27	ng	#	98
50) 2,6-Dinitrotoluene	9.73	165	256864	41.64	ng	#	82
51) Acenaphthene	9.98	154	1108016	42.47	ng		99
52) 3-Nitroaniline	9.90	138	164078	21.20	ng		99
53) 2,4-Dinitrophenol	10.01	184	229455	69.33	ng	#	70
54) Dibenzofuran	10.15	168	1345342	39.20	ng		94
55) 4-Nitrophenol	10.07	139	404597	86.86	ng	#	81
56) 2,4-Dinitrotoluene	10.13	165	322469	38.49	ng	#	66
57) Fluorene	10.50	166	1121997	39.63	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	230068m	35.64	ng		
59) Diethylphthalate	10.37	149	1219974	42.67	ng		97
60) 4-Chlorophenyl-phenylether	10.49	204	493578	36.98	ng	#	88
61) 4-Nitroaniline	10.52	138	261807	33.73	ng		97
62) Azobenzene	10.65	77	1376281	41.62	ng		93
64) 4,6-Dinitro-2-methylphenol	10.54	198	147029	35.05	ng	#	52
65) n-Nitrosodiphenylamine	10.61	169	940214	41.07	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	277797	37.35	ng	#	81
67) Hexachlorobenzene	11.05	284	317832	39.36	ng	#	84
68) Atrazine	11.14	200	294562	46.52	ng		98
69) Pentachlorophenol	11.24	266	351928	87.93	ng		96
70) Phenanthrene	11.46	178	1431726	38.69	ng		98
71) Anthracene	11.51	178	1618961	40.66	ng		100
72) Carbazole	11.66	167	1305099	36.61	ng		98
73) Di-n-butylphthalate	11.99	149	1690800	40.49	ng	#	98
74) Fluoranthene	12.65	202	1373636	36.91	ng		95
76) Benzidine	12.77	184	334496	28.07	ng		97
77) Pyrene	12.87	202	1306263	41.18	ng		100
79) Butylbenzylphthalate	13.49	149	666720	47.44	ng	#	85
80) Benzo(a)anthracene	14.06	228	1049005	38.47	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	251606	27.01	ng		100
82) Chrysene	14.10	228	1030058	39.21	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	944347	49.81	ng	#	95
84) Di-n-octyl phthalate	14.67	149	1332771	52.43	ng		100
85) Indeno(1,2,3-cd)pyrene	16.99	276	1082739	71.28	ng		99
87) Benzo(b)fluoranthene	15.12	252	975990	39.70	ng	#	94
88) Benzo(k)fluoranthene	15.14	252	864430m	32.68	ng		
89) Benzo(a)pyrene	15.47	252	899270	39.95	ng		100
90) Dibenzo(a,h)anthracene	17.00	278	924650	53.87	ng		98
91) Benzo(g,h,i)perylene	17.42	276	906043	55.36	ng		97

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

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