Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090586.D
Acq On : 15 Oct 2016 4:53
Operator : UM/SJ
Sample : H5263-01MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMSD

Manual Integrations APPROVED
sohil
10/17/2016 6:37:15 PM

Quant Time: Oct 17 11:25:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 14 12:44:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	204125	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	852355	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	398450	20.00	ng		-0.01
63) Phenanthrene-d10	11.46	188	612196	20.00	ng		0.00
75) Chrysene-d12	14.10	240	390611	20.00	ng		0.00
86) Perylene-d12	15.55	264	334834	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1629816	146.37	ng		0.01
7) Phenol-d6	6.55	99	2146059	129.71	ng		0.00
23) Nitrobenzene-d5	7.49	82	1384642	90.24	ng		0.00
41) 2,4,6-Tribromophenol	10.76	330	476140	134.04	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	2169688	89.72	ng		0.00
78) Terphenyl-d14	13.03	244	1597368	95.22	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	233549	36.80	ng		97
3) Pyridine	3.38	79	424584m	29.85	ng		
4) n-Nitrosodimethylamine	3.33	42	202224	40.96	ng		92
6) Aniline	6.59	93	458490	22.93	ng		100
8) 2-Chlorophenol	6.70	128	618693	42.85	ng		100
9) Benzaldehyde	6.46	77	135551	12.89	ng		96
10) Phenol	6.58	94	806095	42.60	ng		98
11) bis(2-Chloroethyl)ether	6.66	93	690407	44.22	ng		99
12) 1,3-Dichlorobenzene	6.86	146	588838	40.90	ng		97
13) 1,4-Dichlorobenzene	6.93	146	626103m	39.98	ng		
14) 1,2-Dichlorobenzene	7.09	146	647239	44.21	ng		98
15) Benzyl Alcohol	7.07	79	523200	46.43	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.19	45	976699	44.45	ng		94
17) 2-Methylphenol	7.18	107	493751	43.88	ng		97
18) Hexachloroethane	7.43	117	264508	42.74	ng		95
19) n-Nitroso-di-n-propylamine	7.33	70	512618	45.19	ng		98
20) 3+4-Methylphenols	7.33	107	603648	44.25	ng	#	89
22) Acetophenone	7.33	105	853158	45.31	ng		95
24) Nitrobenzene	7.50	77	694711	44.12	ng		97
25) Isophorone	7.74	82	1324442	47.43	ng		97
26) 2-Nitrophenol	7.82	139	330399	46.25	ng		93
27) 2,4-Dimethylphenol	7.87	122	525095	44.29	ng		97
28) bis(2-Chloroethoxy)methane	7.96	93	802214	48.65	ng		99
29) 2,4-Dichlorophenol	8.06	162	436564	42.04	ng		87
30) 1,2,4-Trichlorobenzene	8.14	180	503440	41.39	ng		94
31) Naphthalene	8.23	128	1740094	40.08	ng		100
32) Benzoic acid	7.97	122	141648	19.45	ng		96
33) 4-Chloroaniline	8.28	127	154823	9.33	ng		97
34) Hexachlorobutadiene	8.35	225	293157	43.14	ng		98
35) Caprolactam	8.65	113	142853m	49.29	ng		
36) 4-Chloro-3-methylphenol	8.77	107	516307	43.09	ng	#	81
37) 2-Methylnaphthalene	8.92	142	1095498	42.96	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	498720	47.21	ng		99
40) Hexachlorocyclopentadiene	9.08	237	361391	70.02	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	291680	48.95	ng		99
43) 2,4,5-Trichlorophenol	9.25	196	302716	42.58	ng	#	84
45) 1,1'-Biphenyl	9.39	154	1387620	45.76	ng		99
46) 2-Chloronaphthalene	9.41	162	1063512	47.04	ng		98
47) 2-Nitroaniline	9.50	65	363384	44.34	ng	#	74
48) Acenaphthylene	9.82	152	1487096	41.31	ng		100
49) Dimethylphthalate	9.69	163	1297083	50.17	ng		99
50) 2,6-Dinitrotoluene	9.75	165	245414	43.38	ng		90
51) Acenaphthene	9.99	154	987442	41.27	ng		99
52) 3-Nitroaniline	9.93	138	181782	25.61	ng		95
53) 2,4-Dinitrophenol	10.03	184	125521	43.65	ng	#	82
54) Dibenzofuran	10.17	168	1328080	42.19	ng	#	89
55) 4-Nitrophenol	10.09	139	355508	83.22	ng		99
56) 2,4-Dinitrotoluene	10.15	165	359674	46.81	ng		99
57) Fluorene	10.51	166	1093765	42.13	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.29	232	258638	43.68	ng		98
59) Diethylphthalate	10.38	149	1175778	44.84	ng		100
60) 4-Chlorophenyl-phenylether	10.51	204	545480	44.57	ng		96
61) 4-Nitroaniline	10.54	138	250685	35.22	ng		98
62) Azobenzene	10.67	77	1486456	49.01	ng		98
64) 4,6-Dinitro-2-methylphenol	10.57	198	108695	29.34	ng		97
65) n-Nitrosodiphenylamine	10.62	169	905060	44.76	ng		98
66) 4-Bromophenyl-phenylether	11.00	248	296505	45.14	ng		99
67) Hexachlorobenzene	11.06	284	298820	41.90	ng		95
68) Atrazine	11.15	200	248476	44.43	ng		100
69) Pentachlorophenol	11.25	266	290780	82.26	ng		96
70) Phenanthrene	11.48	178	1417180	43.37	ng		100
71) Anthracene	11.53	178	1532349	43.57	ng		99
72) Carbazole	11.69	167	1328818	42.21	ng		99
73) Di-n-butylphthalate	12.02	149	1795228	48.67	ng		100
74) Fluoranthene	12.67	202	1212958	36.90	ng		98
76) Benzidine	12.79	184	221382	22.78	ng		96
77) Pyrene	12.90	202	1169037	45.19	ng		98
79) Butylbenzylphthalate	13.52	149	658696	57.47	ng		97
80) Benzo(a)anthracene	14.09	228	941009	42.32	ng		99
81) 3,3'-Dichlorobenzidine	14.05	252	258275	34.00	ng		98
82) Chrysene	14.12	228	1011715	47.22	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	954571	61.73	ng		99
84) Di-n-octyl phthalate	14.68	149	1297679	62.59	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.01	276	871638	70.36	ng		98
87) Benzo(b)fluoranthene	15.13	252	946518	43.20	ng		99
88) Benzo(k)fluoranthene	15.16	252	821062m	34.83	ng		
89) Benzo(a)pyrene	15.49	252	834732	41.61	ng		98
90) Dibenzo(a,h)anthracene	17.02	278	758579	49.59	ng		96
91) Benzo(g,h,i)perylene	17.45	276	647588	44.40	ng		98

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

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