Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
Data File : BF082781.D
Acq On : 7 Nov 2015 00:49
Operator : UM/IZ
Sample : G4258-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-1(0-2)MSD

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:10:34 PM

Quant Time: Nov 07 03:53:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	224484	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	817077	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	470736	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	779694	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	644247	20.00	ng		-0.01
86) Perylene-d12	15.44	264	552685	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1904070	131.97	ng		0.01
7) Phenol-d6	6.49	99	2602283	135.67	ng		0.01
23) Nitrobenzene-d5	7.41	82	1712445	91.19	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	569951	105.60	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	2613680	79.58	ng		0.00
78) Terphenyl-d14	12.96	244	2519167	92.74	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	277234	44.53	ng		96
3) Pyridine	3.22	79	663256	36.72	ng		95
4) n-Nitrosodimethylamine	3.17	42	390505	43.59	ng	#	66
6) Aniline	6.51	93	550803	20.45	ng	#	66
8) 2-Chlorophenol	6.64	128	686129	42.90	ng		85
9) Benzaldehyde	6.38	77	88629	8.36	ng		97
10) Phenol	6.50	94	809679	37.20	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	744063	45.72	ng		88
12) 1,3-Dichlorobenzene	6.80	146	761268	42.20	ng	#	83
13) 1,4-Dichlorobenzene	6.86	146	724721	38.62	ng		98
14) 1,2-Dichlorobenzene	7.02	146	732128	42.90	ng		99
15) Benzyl Alcohol	6.99	79	715971	42.51	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1169607	48.99	ng		95
17) 2-Methylphenol	7.12	107	675549	49.87	ng		94
18) Hexachloroethane	7.37	117	284678	42.41	ng		95
19) n-Nitroso-di-n-propylamine	7.28	70	605090	42.92	ng	#	85
20) 3+4-Methylphenols	7.26	107	713894	40.53	ng		97
22) Acetophenone	7.26	105	1007431	43.03	ng	#	89
24) Nitrobenzene	7.44	77	913626	47.58	ng		95
25) Isophorone	7.68	82	1547885	44.55	ng		98
26) 2-Nitrophenol	7.76	139	396227	49.43	ng	#	58
27) 2,4-Dimethylphenol	7.79	122	690159	47.92	ng		96
28) bis(2-Chloroethoxy)methane	7.89	93	994569	50.75	ng		99
29) 2,4-Dichlorophenol	8.00	162	636477	48.90	ng		91
30) 1,2,4-Trichlorobenzene	8.08	180	659040	45.02	ng		98
31) Naphthalene	8.16	128	1848530	41.00	ng		100
32) Benzoic acid	7.90	122	231181	23.45	ng		90
33) 4-Chloroaniline	8.20	127	208597m	10.74	ng		
34) Hexachlorobutadiene	8.28	225	381359	41.63	ng		100
35) Caprolactam	8.58	113	266192m	64.87	ng		
36) 4-Chloro-3-methylphenol	8.69	107	807289	52.74	ng		91
37) 2-Methylnaphthalene	8.85	142	1475842	50.61	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	716175	46.30	ng		98
40) Hexachlorocyclopentadiene	9.01	237	730597	87.91	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	490305	42.46	ng		100
43) 2,4,5-Trichlorophenol	9.17	196	500470	43.82	ng		93
45) 1,1'-Biphenyl	9.32	154	1819006	45.03	ng		99
46) 2-Chloronaphthalene	9.34	162	1460277	46.35	ng		96
47) 2-Nitroaniline	9.44	65	544291	46.57	ng	#	51
48) Acenaphthylene	9.76	152	2197739	44.51	ng		99
49) Dimethylphthalate	9.62	163	2175099	56.40	ng		99
50) 2,6-Dinitrotoluene	9.68	165	375396	45.62	ng		95
51) Acenaphthene	9.93	154	1511799	48.31	ng		99
52) 3-Nitroaniline	9.84	138	163901	18.11	ng	#	87
53) 2,4-Dinitrophenol	9.95	184	370041	81.90	ng	#	17
54) Dibenzofuran	10.10	168	1748747	41.45	ng		93
55) 4-Nitrophenol	10.01	139	599720	86.38	ng		82
56) 2,4-Dinitrotoluene	10.08	165	484554	43.40	ng		98
57) Fluorene	10.44	166	1381103	40.42	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	370558	39.76	ng	#	90
59) Diethylphthalate	10.33	149	1533181	40.71	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	589474	34.48	ng	#	84
61) 4-Nitroaniline	10.45	138	350077	38.46	ng	#	81
62) Azobenzene	10.59	77	1659789	41.03	ng		91
64) 4,6-Dinitro-2-methylphenol	10.49	198	261492	47.08	ng		76
65) n-Nitrosodiphenylamine	10.56	169	1308270	46.45	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	397418	42.33	ng	#	79
67) Hexachlorobenzene	10.99	284	439416	41.92	ng	#	78
68) Atrazine	11.08	200	368734	42.33	ng		96
69) Pentachlorophenol	11.18	266	541207	85.02	ng		99
70) Phenanthrene	11.40	178	2059376	45.48	ng		100
71) Anthracene	11.45	178	2056201	43.11	ng		100
72) Carbazole	11.61	167	2027870	48.57	ng		97
73) Di-n-butylphthalate	11.94	149	2013425	38.71	ng		99
74) Fluoranthene	12.58	202	2226583	45.83	ng		95
76) Benzidine	12.70	184	732340	33.92	ng		99
77) Pyrene	12.81	202	2067923	46.74	ng		99
79) Butylbenzylphthalate	13.44	149	915083	46.82	ng		100
80) Benzo(a)anthracene	14.00	228	1995453	49.53	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	391790	27.35	ng	#	98
82) Chrysene	14.04	228	2030544	55.03	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	1421260	53.13	ng	#	97
84) Di-n-octyl phthalate	14.61	149	2306548	51.69	ng		100
85) Indeno(1,2,3-cd)pyrene	16.83	276	1325713	41.72	ng		98
87) Benzo(b)fluoranthene	15.03	252	2166245m	61.06	ng		
88) Benzo(k)fluoranthene	15.06	252	1259716m	40.03	ng		
89) Benzo(a)pyrene	15.38	252	1402651	45.64	ng		98
90) Dibenzo(a,h)anthracene	16.84	278	1096454	42.13	ng		99
91) Benzo(g,h,i)perylene	17.24	276	1358288	54.49	ng	#	94

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

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