Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083427.D
Acq On : 2 Dec 2015 19:47
Operator : UM/IZ
Sample : G4584-04MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-10(6-11)MSD

Manual Integrations APPROVED
Mmdadoda
12/3/2015 7:09:43 PM

Quant Time: Dec 03 04:20:35 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	152647m	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	584231	20.00	ng		0.00
38) Acenaphthene-d10	9.57	164	291516	20.00	ng		-0.01
63) Phenanthrene-d10	11.12	188	518735	20.00	ng		-0.01
75) Chrysene-d12	14.74	240	379972	20.00	ng		-0.02
86) Perylene-d12	16.80	264	330077	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	1516932	149.12	ng		0.01
7) Phenol-d6	6.22	99	1981369	142.30	ng		0.00
23) Nitrobenzene-d5	7.12	82	1254578	94.40	ng		-0.01
41) 2,4,6-Tribromophenol	10.37	330	396344	135.44	ng		-0.01
44) 2-Fluorobiphenyl	8.91	172	1838295	89.86	ng		-0.01
78) Terphenyl-d14	13.21	244	1746283	109.60	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	193722	35.17	ng	#	91
3) Pyridine	2.61	79	595963	43.25	ng		97
4) n-Nitrosodimethylamine	2.58	42	304817	44.94	ng		93
6) Aniline	6.21	93	547308	28.73	ng		92
8) 2-Chlorophenol	6.34	128	535979	47.76	ng		91
9) Benzaldehyde	6.08	77	240979	34.95	ng		96
10) Phenol	6.24	94	864220	51.58	ng		99
11) bis(2-Chloroethyl)ether	6.29	93	646113	53.02	ng		91
12) 1,3-Dichlorobenzene	6.48	146	543744m	43.59	ng		
13) 1,4-Dichlorobenzene	6.56	146	575902m	44.67	ng		
14) 1,2-Dichlorobenzene	6.72	146	546055	46.17	ng		97
15) Benzyl Alcohol	6.70	79	491762	45.70	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	1006206	47.05	ng		57
17) 2-Methylphenol	6.84	107	468398	50.08	ng		97
18) Hexachloroethane	7.05	117	212102	47.37	ng		95
19) n-Nitroso-di-n-propylamine	6.98	70	461987	46.42	ng		92
20) 3+4-Methylphenols	7.00	107	626458	49.45	ng		98
22) Acetophenone	6.97	105	796920	45.59	ng	#	98
24) Nitrobenzene	7.14	77	700007	49.32	ng		93
25) Isophorone	7.38	82	1160555	45.08	ng		99
26) 2-Nitrophenol	7.46	139	293252	50.62	ng	#	75
27) 2,4-Dimethylphenol	7.52	122	456586	47.01	ng		95
28) bis(2-Chloroethoxy)methane	7.61	93	739729	50.46	ng		98
29) 2,4-Dichlorophenol	7.71	162	453537	48.56	ng		97
30) 1,2,4-Trichlorobenzene	7.78	180	467026	45.94	ng		98
31) Naphthalene	7.86	128	5399873	170.35	ng	#	94
32) Benzoic acid	7.66	122	186171	27.79	ng		94
33) 4-Chloroaniline	7.92	127	295229	21.60	ng		97
34) Hexachlorobutadiene	7.97	225	264907	45.89	ng		97
35) Caprolactam	8.29	113	153607m	52.05	ng		
36) 4-Chloro-3-methylphenol	8.43	107	517932	49.44	ng		93
37) 2-Methylnaphthalene	8.54	142	1563574	73.80	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	437684	47.36	ng		99
40) Hexachlorocyclopentadiene	8.70	237	251912	57.39	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	301116	46.45	ng		99
43) 2,4,5-Trichlorophenol	8.89	196	316834	47.18	ng		94
45) 1,1'-Biphenyl	9.01	154	1496361	58.53	ng		97
46) 2-Chloronaphthalene	9.02	162	904797	46.45	ng		99
47) 2-Nitroaniline	9.14	65	363680	47.14	ng	#	85
48) Acenaphthylene	9.44	152	1480804	47.66	ng		100
49) Dimethylphthalate	9.33	163	1350507	57.01	ng		98
50) 2,6-Dinitrotoluene	9.39	165	232719	46.00	ng	#	65
51) Acenaphthene	9.62	154	1874678	102.57	ng		99
52) 3-Nitroaniline	9.55	138	164275	27.70	ng		98
53) 2,4-Dinitrophenol	9.66	184	173539	58.62	ng	#	78
54) Dibenzofuran	9.78	168	1281999	47.86	ng		99
55) 4-Nitrophenol	9.76	139	365366m	98.50	ng		
56) 2,4-Dinitrotoluene	9.79	165	317793	49.50	ng	#	62
57) Fluorene	10.12	166	1368842	64.72	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.92	232	257144	47.46	ng		99
59) Diethylphthalate	10.02	149	959359	42.49	ng		99
60) 4-Chlorophenyl-phenylether	10.12	204	412876	42.49	ng		94
61) 4-Nitroaniline	10.17	138	241004	40.62	ng		97
62) Azobenzene	10.28	77	1293574	47.42	ng		99
64) 4,6-Dinitro-2-methylphenol	10.19	198	142384	40.88	ng	#	52
65) n-Nitrosodiphenylamine	10.25	169	898812	49.31	ng		98
66) 4-Bromophenyl-phenylether	10.62	248	281224	49.56	ng		97
67) Hexachlorobenzene	10.69	284	302470	48.21	ng		95
68) Atrazine	10.82	200	267048	52.97	ng		98
69) Pentachlorophenol	10.92	266	322486	98.12	ng		99
70) Phenanthrene	11.15	178	3932453	128.10	ng		95
71) Anthracene	11.21	178	2051703	66.39	ng		99
72) Carbazole	11.40	167	1306360	47.05	ng		99
73) Di-n-butylphthalate	11.85	149	1611504	48.97	ng		99
74) Fluoranthene	12.66	202	2611766	82.08	ng		94
76) Benzidine	12.85	184	428630	37.87	ng		97
77) Pyrene	12.97	202	2877712	108.44	ng		97
79) Butylbenzylphthalate	13.95	149	655879	58.26	ng		84
80) Benzo(a)anthracene	14.73	228	1534689	65.93	ng		97
81) 3,3'-Dichlorobenzidine	14.71	252	261348	35.94	ng		98
82) Chrysene	14.77	228	1349889	60.02	ng		99
83) Bis(2-ethylhexyl)phthalate	14.85	149	897755	59.45	ng		99
84) Di-n-octyl phthalate	15.83	149	1329753	59.14	ng		100
85) Indeno(1,2,3-cd)pyrene	18.18	276	1248695	76.23	ng		99
87) Benzo(b)fluoranthene	16.29	252	1215318	57.38	ng		97
88) Benzo(k)fluoranthene	16.33	252	984509m	49.23	ng		
89) Benzo(a)pyrene	16.73	252	1234631	67.87	ng	#	98
90) Dibenzo(a,h)anthracene	18.20	278	937070	59.12	ng		99
91) Benzo(g,h,i)perylene	18.56	276	1096944	70.51	ng		98

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

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