Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083417.D
Acq On : 2 Dec 2015 14:40
Operator : UM/IZ
Sample : G4582-12MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)MSD

Manual Integrations APPROVED
Mmdadoda
12/3/2015 7:09:29 PM

Quant Time: Dec 03 03:30:51 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	142220m	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	574821	20.00	ng		0.00
38) Acenaphthene-d10	9.57	164	277555	20.00	ng		-0.01
63) Phenanthrene-d10	11.12	188	517682	20.00	ng		-0.01
75) Chrysene-d12	14.74	240	430835	20.00	ng		-0.02
86) Perylene-d12	16.80	264	320934	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	1422011	150.04	ng		0.01
7) Phenol-d6	6.22	99	1867770	143.98	ng		0.00
23) Nitrobenzene-d5	7.12	82	1193389	91.26	ng		-0.01
41) 2,4,6-Tribromophenol	10.37	330	396146	142.18	ng		-0.01
44) 2-Fluorobiphenyl	8.91	172	1730856	88.87	ng		-0.01
78) Terphenyl-d14	13.21	244	1776895	98.36	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	183162	35.69	ng	#	90
3) Pyridine	2.61	79	596409	46.46	ng		97
4) n-Nitrosodimethylamine	2.58	42	292610	46.31	ng		94
6) Aniline	6.21	93	741051	41.76	ng		99
8) 2-Chlorophenol	6.34	128	529094	50.61	ng		93
9) Benzaldehyde	6.08	77	251232	40.33	ng		89
10) Phenol	6.24	94	876609	56.16	ng		97
11) bis(2-Chloroethyl)ether	6.29	93	596829	52.56	ng		92
12) 1,3-Dichlorobenzene	6.48	146	522766m	44.98	ng		
13) 1,4-Dichlorobenzene	6.56	146	547242m	45.56	ng		
14) 1,2-Dichlorobenzene	6.72	146	520289	47.21	ng		96
15) Benzyl Alcohol	6.70	79	491526	49.02	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	968329	48.60	ng	#	53
17) 2-Methylphenol	6.84	107	467368	53.63	ng		98
18) Hexachloroethane	7.05	117	193739	46.44	ng		95
19) n-Nitroso-di-n-propylamine	6.98	70	440894	47.55	ng		92
20) 3+4-Methylphenols	7.00	107	618703	52.42	ng		98
22) Acetophenone	6.97	105	782518	45.50	ng	#	97
24) Nitrobenzene	7.14	77	673343	48.22	ng		95
25) Isophorone	7.38	82	1122461	44.31	ng		99
26) 2-Nitrophenol	7.46	139	285060	50.01	ng	#	74
27) 2,4-Dimethylphenol	7.52	122	445835	46.66	ng		94
28) bis(2-Chloroethoxy)methane	7.61	93	690575	47.88	ng		98
29) 2,4-Dichlorophenol	7.71	162	456039	49.62	ng		94
30) 1,2,4-Trichlorobenzene	7.78	180	458568	45.84	ng		98
31) Naphthalene	7.86	128	1945030	62.36	ng		99
32) Benzoic acid	7.63	122	60395	9.16	ng		95
33) 4-Chloroaniline	7.92	127	515940	38.37	ng		94
34) Hexachlorobutadiene	7.98	225	250725	44.15	ng		97
35) Caprolactam	8.29	113	146949m	50.61	ng		
36) 4-Chloro-3-methylphenol	8.42	107	491624	47.69	ng	#	81
37) 2-Methylnaphthalene	8.54	142	987128	47.36	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	419070	47.63	ng		99
40) Hexachlorocyclopentadiene	8.70	237	356603	85.32	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	298134	48.31	ng		99
43) 2,4,5-Trichlorophenol	8.89	196	316967	49.57	ng	#	93
45) 1,1'-Biphenyl	9.01	154	1216048	49.96	ng		99
46) 2-Chloronaphthalene	9.02	162	871520	46.99	ng		98
47) 2-Nitroaniline	9.14	65	360340	49.05	ng	#	84
48) Acenaphthylene	9.44	152	1358303	45.91	ng		98
49) Dimethylphthalate	9.33	163	1497033	66.37	ng		98
50) 2,6-Dinitrotoluene	9.38	165	222632	46.22	ng	#	83
51) Acenaphthene	9.61	154	895155	51.44	ng		99
52) 3-Nitroaniline	9.55	138	209716	37.14	ng		92
53) 2,4-Dinitrophenol	9.66	184	109123	41.45	ng	#	72
54) Dibenzofuran	9.79	168	1215932	47.68	ng		91
55) 4-Nitrophenol	9.76	139	388266	109.94	ng	#	64
56) 2,4-Dinitrotoluene	9.79	165	301602	49.34	ng	#	59
57) Fluorene	10.12	166	914704	45.42	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.92	232	263465	51.07	ng		98
59) Diethylphthalate	10.02	149	980282	45.60	ng		99
60) 4-Chlorophenyl-phenylether	10.12	204	427867	46.24	ng		95
61) 4-Nitroaniline	10.17	138	234171	41.45	ng		94
62) Azobenzene	10.28	77	1264481	48.68	ng		99
64) 4,6-Dinitro-2-methylphenol	10.19	198	147418	42.41	ng	#	74
65) n-Nitrosodiphenylamine	10.25	169	862022	47.39	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	279670	49.39	ng		98
67) Hexachlorobenzene	10.69	284	295191	47.14	ng		99
68) Atrazine	10.82	200	274004	54.46	ng		97
69) Pentachlorophenol	10.91	266	315939	96.32	ng		99
70) Phenanthrene	11.15	178	1498921	48.93	ng		99
71) Anthracene	11.21	178	1480994	48.02	ng		99
72) Carbazole	11.40	167	1328020	47.92	ng		99
73) Di-n-butylphthalate	11.84	149	1558908	47.47	ng		99
74) Fluoranthene	12.65	202	1439612	45.33	ng		97
76) Benzidine	12.85	184	752376	58.63	ng		98
77) Pyrene	12.96	202	1469016	48.82	ng		98
79) Butylbenzylphthalate	13.95	149	663667	52.00	ng	#	82
80) Benzo(a)anthracene	14.72	228	1225052	46.41	ng		100
81) 3,3'-Dichlorobenzidine	14.71	252	349869	42.44	ng		99
82) Chrysene	14.77	228	1135478	44.52	ng		100
83) Bis(2-ethylhexyl)phthalate	14.85	149	921683	53.83	ng		98
84) Di-n-octyl phthalate	15.83	149	1394961	54.71	ng		99
85) Indeno(1,2,3-cd)pyrene	18.18	276	972779	52.37	ng		99
87) Benzo(b)fluoranthene	16.28	252	955928	46.42	ng		99
88) Benzo(k)fluoranthene	16.33	252	889563	45.75	ng		99
89) Benzo(a)pyrene	16.73	252	853734	48.27	ng		100
90) Dibenzo(a,h)anthracene	18.20	278	825143	53.54	ng		100
91) Benzo(g,h,i)perylene	18.55	276	815677	53.92	ng		96

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

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