Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121015\
Data File : BF083692.D
Acq On : 10 Dec 2015 23:01
Operator : UM/IZ
Sample : G4659-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A8-4CMS

Manual Integrations APPROVED
MMdadoda
12/11/2015 6:01:44 PM

Quant Time: Dec 17 11:36:32 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 09:56:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.61	152	148918	20.00	ng		-0.09
21) Naphthalene-d8	7.50	136	579998	20.00	ng		-0.10
38) Acenaphthene-d10	10.29	164	282632	20.00	ng		-0.09
63) Phenanthrene-d10	12.69	188	505360	20.00	ng		-0.09
75) Chrysene-d12	16.91	240	380313	20.00	ng		-0.08
86) Perylene-d12	18.57	264	312612	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	3.90	112	1345607	137.05	ng		-0.07
7) Phenol-d6	5.20	99	1692147	128.98	ng		-0.08
23) Nitrobenzene-d5	6.44	82	1107014	89.06	ng		-0.09
41) 2,4,6-Tribromophenol	11.60	330	330878	131.41	ng		-0.09
44) 2-Fluorobiphenyl	9.25	172	1685662	83.94	ng		-0.09
78) Terphenyl-d14	15.31	244	1514762	93.71	ng		-0.10
Target Compounds							Qvalue
2) 1,4-Dioxane	1.80	88	154912	31.94	ng	#	80
3) Pyridine	2.24	79	490155	41.59	ng		100
4) n-Nitrosodimethylamine	2.20	42	280812	45.26	ng		98
6) Aniline	5.17	93	395211	24.45	ng		90
8) 2-Chlorophenol	5.33	128	481342	44.83	ng		98
9) Benzaldehyde	5.04	77	134649	16.31	ng		97
10) Phenol	5.21	94	729277	45.90	ng		84
11) bis(2-Chloroethyl)ether	5.28	93	518470	44.35	ng		99
12) 1,3-Dichlorobenzene	5.53	146	516791	43.18	ng		99
13) 1,4-Dichlorobenzene	5.63	146	520450	42.39	ng		99
14) 1,2-Dichlorobenzene	5.85	146	497243	43.64	ng		97
15) Benzyl Alcohol	5.87	79	486010	52.07	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.04	45	912572	42.21	ng	#	62
17) 2-Methylphenol	6.06	107	413254	47.30	ng	#	90
18) Hexachloroethane	6.32	117	177757	41.00	ng		93
19) n-Nitroso-di-n-propylamine	6.25	70	406685	44.41	ng		93
20) 3+4-Methylphenols	6.30	107	516531	44.90	ng		99
22) Acetophenone	6.22	105	680047	41.80	ng		95
24) Nitrobenzene	6.48	77	572934	41.70	ng		96
25) Isophorone	6.84	82	1053479	43.67	ng		99
26) 2-Nitrophenol	6.96	139	243661	44.67	ng		94
27) 2,4-Dimethylphenol	7.08	122	408515	42.81	ng		96
28) bis(2-Chloroethoxy)methane	7.20	93	625944	46.73	ng		99
29) 2,4-Dichlorophenol	7.37	162	417878	48.15	ng		99
30) 1,2,4-Trichlorobenzene	7.44	180	414959	43.29	ng		97
31) Naphthalene	7.54	128	1381787	44.98	ng		99
32) Benzoic acid	7.39	122	99089	18.21	ng		97
33) 4-Chloroaniline	7.70	127	174837	15.61	ng		96
34) Hexachlorobutadiene	7.74	225	240206	42.89	ng		98
35) Caprolactam	8.29	113	122055m	46.86	ng		
36) 4-Chloro-3-methylphenol	8.54	107	441266	45.26	ng		96
37) 2-Methylnaphthalene	8.64	142	899493	46.62	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	394943	42.56	ng	#	100
40) Hexachlorocyclopentadiene	8.89	237	89767	54.95	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	249007	45.10	ng		96
43) 2,4,5-Trichlorophenol	9.24	196	244513	44.73	ng		97
45) 1,1'-Biphenyl	9.40	154	1050412	42.76	ng		100
46) 2-Chloronaphthalene	9.41	162	816366	44.01	ng		96
47) 2-Nitroaniline	9.64	65	321719	48.10	ng	#	85
48) Acenaphthylene	10.06	152	1287819	42.11	ng		100
49) Dimethylphthalate	9.95	163	1163228	51.70	ng		100
50) 2,6-Dinitrotoluene	10.04	165	204929	44.12	ng	#	88
51) Acenaphthene	10.35	154	759917	43.40	ng		98
52) 3-Nitroaniline	10.33	138	127474	25.82	ng		85
53) 2,4-Dinitrophenol	10.54	184	178453	77.79	ng		97
54) Dibenzofuran	10.64	168	1150741	47.39	ng		97
55) 4-Nitrophenol	10.74	139	195129	89.78	ng		90
56) 2,4-Dinitrotoluene	10.72	165	289428	46.98	ng	#	78
57) Fluorene	11.18	166	906622	42.78	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.89	232	213652	48.51	ng	#	100
59) Diethylphthalate	11.09	149	927440	42.40	ng		99
60) 4-Chlorophenyl-phenylether	11.21	204	424013	42.03	ng		99
61) 4-Nitroaniline	11.33	138	191114	42.61	ng		95
62) Azobenzene	11.47	77	1190008	49.43	ng		99
64) 4,6-Dinitro-2-methylphenol	11.39	198	135073	39.59	ng		78
65) n-Nitrosodiphenylamine	11.42	169	765812	45.92	ng		99
66) 4-Bromophenyl-phenylether	12.00	248	245140	43.49	ng		93
67) Hexachlorobenzene	12.08	284	268165	44.85	ng	#	85
68) Atrazine	12.35	200	242583	48.88	ng		98
69) Pentachlorophenol	12.44	266	154804	93.35	ng		99
70) Phenanthrene	12.73	178	1308770	45.07	ng		99
71) Anthracene	12.82	178	1334094	44.35	ng		99
72) Carbazole	13.12	167	1209804	46.90	ng		98
73) Di-n-butylphthalate	13.73	149	1425399	43.94	ng		99
74) Fluoranthene	14.65	202	1311735	44.16	ng		97
76) Benzidine	14.95	184	345789	29.23	ng		95
77) Pyrene	15.01	202	1323687	48.34	ng		99
79) Butylbenzylphthalate	16.15	149	589054	48.47	ng		96
80) Benzo(a)anthracene	16.90	228	1025693	46.08	ng		99
81) 3,3'-Dichlorobenzidine	16.89	252	246202	32.74	ng		98
82) Chrysene	16.95	228	984473	44.12	ng		99
83) Bis(2-ethylhexyl)phthalate	17.00	149	826677	49.01	ng	#	97
84) Di-n-octyl phthalate	17.78	149	1269752	49.26	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.76	276	837602	55.61	ng	#	100
87) Benzo(b)fluoranthene	18.18	252	975482m	54.80	ng		
88) Benzo(k)fluoranthene	18.21	252	654626m	33.37	ng		
89) Benzo(a)pyrene	18.51	252	754187	43.42	ng	#	96
90) Dibenzo(a,h)anthracene	19.76	278	715906	53.90	ng		99
91) Benzo(g,h,i)perylene	20.11	276	686160	52.99	ng		98

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

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