Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121015\
Data File : BF083695.D
Acq On : 11 Dec 2015 00:33
Operator : UM/IZ
Sample : G4697-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CWC-MISC-8-20151207MSD

Manual Integrations APPROVED
MMdadoda
12/11/2015 6:01:48 PM

Quant Time: Dec 17 11:46:43 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	152674	20.00	ng		-0.09
21) Naphthalene-d8	7.50	136	578114	20.00	ng		-0.10
38) Acenaphthene-d10	10.29	164	272888	20.00	ng		-0.09
63) Phenanthrene-d10	12.69	188	464479	20.00	ng		-0.09
75) Chrysene-d12	16.91	240	327091	20.00	ng		-0.08
86) Perylene-d12	18.57	264	300943	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	3.92	112	1337872	132.91	ng		-0.06
7) Phenol-d6	5.20	99	1714484	127.47	ng		-0.08
23) Nitrobenzene-d5	6.44	82	1130051	91.21	ng		-0.09
41) 2,4,6-Tribromophenol	11.59	330	307865	126.63	ng		-0.10
44) 2-Fluorobiphenyl	9.25	172	1662119	85.72	ng		-0.09
78) Terphenyl-d14	15.31	244	1272892	91.56	ng		-0.10
Target Compounds							Qvalue
2) 1,4-Dioxane	1.80	88	162789	32.73	ng	#	92
3) Pyridine	2.22	79	511115	42.30	ng		90
4) n-Nitrosodimethylamine	2.20	42	257360	40.46	ng		92
6) Aniline	5.18	93	368644	22.24	ng		91
8) 2-Chlorophenol	5.33	128	476213	43.26	ng		100
9) Benzaldehyde	5.01	77	342349	51.27	ng		99
10) Phenol	5.21	94	714668	43.87	ng		91
11) bis(2-Chloroethyl)ether	5.28	93	475079	39.64	ng		99
12) 1,3-Dichlorobenzene	5.53	146	506531	41.29	ng		98
13) 1,4-Dichlorobenzene	5.63	146	509781	40.50	ng		98
14) 1,2-Dichlorobenzene	5.85	146	487109	41.70	ng		98
15) Benzyl Alcohol	5.87	79	471759	49.30	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.04	45	902036	40.70	ng	#	62
17) 2-Methylphenol	6.06	107	395929	44.21	ng	#	90
18) Hexachloroethane	6.32	117	173357	39.00	ng		93
19) n-Nitroso-di-n-propylamine	6.25	70	405593	43.20	ng		93
20) 3+4-Methylphenols	6.32	107	522181	44.28	ng		95
22) Acetophenone	6.22	105	682743	42.10	ng	#	96
24) Nitrobenzene	6.48	77	564419	41.22	ng		93
25) Isophorone	6.84	82	1030397	42.86	ng		99
26) 2-Nitrophenol	6.96	139	238401	43.85	ng		94
27) 2,4-Dimethylphenol	7.08	122	413404	43.46	ng		98
28) bis(2-Chloroethoxy)methane	7.20	93	616684	46.19	ng		99
29) 2,4-Dichlorophenol	7.37	162	391240	45.23	ng		99
30) 1,2,4-Trichlorobenzene	7.44	180	406366	42.53	ng		97
31) Naphthalene	7.54	128	1334173	43.57	ng		99
32) Benzoic acid	7.38	122	48001	10.41	ng		98
33) 4-Chloroaniline	7.70	127	193326	17.32	ng		93
34) Hexachlorobutadiene	7.74	225	238621	42.75	ng		96
35) Caprolactam	8.29	113	118810m	45.76	ng		
36) 4-Chloro-3-methylphenol	8.54	107	417114	42.92	ng		94
37) 2-Methylnaphthalene	8.64	142	884065	45.97	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	390896	43.63	ng	#	100
40) Hexachlorocyclopentadiene	8.89	237	59187	44.91	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	247109	46.35	ng		99
43) 2,4,5-Trichlorophenol	9.24	196	229979	43.58	ng		96
45) 1,1'-Biphenyl	9.40	154	1029497	43.40	ng		99
46) 2-Chloronaphthalene	9.41	162	780792	43.60	ng		96
47) 2-Nitroaniline	9.64	65	307327	47.58	ng	#	86
48) Acenaphthylene	10.06	152	1214705	41.14	ng		100
49) Dimethylphthalate	9.95	163	1178235	54.24	ng		99
50) 2,6-Dinitrotoluene	10.04	165	195525	43.60	ng		93
51) Acenaphthene	10.35	154	723059	42.77	ng		99
52) 3-Nitroaniline	10.33	138	128551	26.97	ng		85
53) 2,4-Dinitrophenol	10.54	184	101561	48.16	ng		96
54) Dibenzofuran	10.64	168	1106039	47.18	ng		98
55) 4-Nitrophenol	10.74	139	185118	88.21	ng		90
56) 2,4-Dinitrotoluene	10.72	165	272139	45.75	ng	#	79
57) Fluorene	11.19	166	864074	42.23	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.89	232	192121	45.24	ng	#	100
59) Diethylphthalate	11.09	149	888902	42.09	ng		99
60) 4-Chlorophenyl-phenylether	11.21	204	405962	41.68	ng		97
61) 4-Nitroaniline	11.32	138	174745	40.35	ng		86
62) Azobenzene	11.47	77	1121238	48.24	ng		99
64) 4,6-Dinitro-2-methylphenol	11.39	198	112438	36.04	ng		78
65) n-Nitrosodiphenylamine	11.43	169	734031	47.88	ng		99
66) 4-Bromophenyl-phenylether	12.00	248	233544	45.08	ng		92
67) Hexachlorobenzene	12.08	284	244580	44.50	ng	#	87
68) Atrazine	12.35	200	229585	50.34	ng		98
69) Pentachlorophenol	12.44	266	139075	91.43	ng		96
70) Phenanthrene	12.73	178	1198186	44.90	ng		99
71) Anthracene	12.82	178	1225488	44.33	ng		99
72) Carbazole	13.12	167	1087583	45.88	ng		98
73) Di-n-butylphthalate	13.73	149	1324910	44.44	ng		100
74) Fluoranthene	14.65	202	1091146	39.97	ng		97
76) Benzidine	14.95	184	307446	30.22	ng		95
77) Pyrene	15.00	202	1116199	47.40	ng		100
79) Butylbenzylphthalate	16.15	149	495340	47.39	ng		99
80) Benzo(a)anthracene	16.90	228	820616	42.86	ng		99
81) 3,3'-Dichlorobenzidine	16.89	252	247064	38.20	ng		97
82) Chrysene	16.95	228	803903	41.89	ng		99
83) Bis(2-ethylhexyl)phthalate	17.00	149	667017	45.98	ng	#	96
84) Di-n-octyl phthalate	17.78	149	1076537	48.56	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.77	276	760650	58.72	ng	#	100
87) Benzo(b)fluoranthene	18.18	252	812778m	47.43	ng		
88) Benzo(k)fluoranthene	18.21	252	640117m	33.90	ng		
89) Benzo(a)pyrene	18.51	252	690532	41.29	ng		97
90) Dibenzo(a,h)anthracene	19.76	278	637823	49.89	ng		99
91) Benzo(g,h,i)perylene	20.12	276	609233	48.87	ng		96

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

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