Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082713.D
Acq On : 4 Nov 2015 21:09
Operator : UM/IZ
Sample : G4241-07MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15(3)MSD

Manual Integrations APPROVED
Mmdadoda
11/5/2015 2:19:48 PM

Quant Time: Nov 05 11:49:30 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	147380	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	545374	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	228565	20.00	ng		0.01
63) Phenanthrene-d10	11.45	188	353952	20.00	ng		0.03
75) Chrysene-d12	14.03	240	408425	20.00	ng		-0.02
86) Perylene-d12	15.46	264	350661	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1463538	149.57	ng		0.00
7) Phenol-d6	6.51	99	1946578	149.74	ng		0.00
23) Nitrobenzene-d5	7.44	82	1330620	99.63	ng		-0.01
41) 2,4,6-Tribromophenol	10.75	330	383928	153.48	ng		0.03
44) 2-Fluorobiphenyl	9.25	172	1742432	108.24	ng		0.00
78) Terphenyl-d14	13.00	244	1618074	86.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	167956	37.13	ng		95
3) Pyridine	3.23	79	519608	39.18	ng		98
4) n-Nitrosodimethylamine	3.17	42	294031	39.38	ng		92
6) Aniline	6.52	93	676714	37.39	ng	#	1
8) 2-Chlorophenol	6.66	128	539918	51.00	ng		98
9) Benzaldehyde	6.41	77	196077	22.09	ng		90
10) Phenol	6.52	94	835460	56.72	ng		92
11) bis(2-Chloroethyl)ether	6.60	93	498610	45.88	ng		93
12) 1,3-Dichlorobenzene	6.81	146	543575	45.02	ng	#	93
13) 1,4-Dichlorobenzene	6.89	146	590415	49.31	ng		95
14) 1,2-Dichlorobenzene	7.05	146	530261	47.71	ng		98
15) Benzyl Alcohol	7.01	79	605704	49.97	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	751970	43.54	ng		92
17) 2-Methylphenol	7.13	107	423934	47.09	ng		98
18) Hexachloroethane	7.39	117	289976	62.06	ng	#	84
19) n-Nitroso-di-n-propylamine	7.29	70	463998	47.09	ng		94
20) 3+4-Methylphenols	7.29	107	581855	49.74	ng		93
22) Acetophenone	7.29	105	812623	50.61	ng	#	95
24) Nitrobenzene	7.45	77	638395	47.29	ng	#	87
25) Isophorone	7.70	82	1214256	49.42	ng	#	91
26) 2-Nitrophenol	7.77	139	245080	49.70	ng		92
27) 2,4-Dimethylphenol	7.81	122	458837	47.67	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	657172	48.90	ng		94
29) 2,4-Dichlorophenol	8.02	162	450928	51.39	ng		91
30) 1,2,4-Trichlorobenzene	8.10	180	460031	47.24	ng		97
31) Naphthalene	8.18	128	1495206	50.67	ng		100
32) Benzoic acid	7.92	122	107592	15.41	ng	#	71
33) 4-Chloroaniline	8.22	127	452098	35.88	ng		95
34) Hexachlorobutadiene	8.32	225	293320	47.36	ng		98
35) Caprolactam	8.61	113	354346	131.62	ng	#	12
36) 4-Chloro-3-methylphenol	8.72	107	489195	47.34	ng		95
37) 2-Methylnaphthalene	8.89	142	1308658	68.42	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	401182	52.60	ng	#	95
40) Hexachlorocyclopentadiene	9.05	237	452844	94.44	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	329732m	59.87	ng		
43) 2,4,5-Trichlorophenol	9.21	196	276226m	50.34	ng		
45) 1,1'-Biphenyl	9.36	154	1019797	52.82	ng		97
46) 2-Chloronaphthalene	9.38	162	765763	50.79	ng		92
47) 2-Nitroaniline	9.46	65	303169	51.73	ng		89
48) Acenaphthylene	9.81	152	1277157	52.96	ng	#	92
49) Dimethylphthalate	9.65	163	1244165	66.65	ng	#	94
50) 2,6-Dinitrotoluene	9.72	165	148510	38.38	ng	#	75
51) Acenaphthene	9.97	154	729413	47.65	ng		96
52) 3-Nitroaniline	9.87	138	191156	44.41	ng	#	71
53) 2,4-Dinitrophenol	9.98	184	166508	80.72	ng	#	23
54) Dibenzofuran	10.16	168	993400	47.82	ng	#	87
55) 4-Nitrophenol	10.03	139	366647	113.21	ng	#	72
56) 2,4-Dinitrotoluene	10.12	165	226544	43.30	ng	#	85
57) Fluorene	10.51	166	947977	56.58	ng	#	88
58) 2,3,4,6-Tetrachlorophenol	10.28	232	178028	38.39	ng	#	20
59) Diethylphthalate	10.36	149	828401	43.59	ng	#	90
60) 4-Chlorophenyl-phenylether	10.50	204	342225	42.02	ng	#	71
61) 4-Nitroaniline	10.48	138	146805	35.74	ng		87
62) Azobenzene	10.66	77	570174	26.61	ng		81
64) 4,6-Dinitro-2-methylphenol	10.54	198	104550	48.97	ng	#	1
65) n-Nitrosodiphenylamine	10.60	169	1622726	133.37	ng		88
66) 4-Bromophenyl-phenylether	10.99	248	237709	59.26	ng	#	53
67) Hexachlorobenzene	11.08	284	226039	50.82	ng		90
68) Atrazine	11.14	200	258823	65.02	ng		68
69) Pentachlorophenol	11.25	266	292414	99.71	ng		98
70) Phenanthrene	11.47	178	1399619	70.11	ng	#	92
71) Anthracene	11.53	178	1120542m	55.75	ng		
72) Carbazole	11.67	167	908491	51.89	ng	#	92
73) Di-n-butylphthalate	12.00	149	1156886	51.91	ng		98
74) Fluoranthene	12.65	202	1148275	56.26	ng		97
76) Benzidine	12.74	184	527425	28.63	ng	#	88
77) Pyrene	12.87	202	1162956	38.45	ng		98
79) Butylbenzylphthalate	13.46	149	626669	47.31	ng		88
80) Benzo(a)anthracene	14.02	228	1081557	41.69	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	384347	42.99	ng	#	96
82) Chrysene	14.05	228	1007156m	42.83	ng		
83) Bis(2-ethylhexyl)phthalate	14.02	149	829849	48.33	ng		99
84) Di-n-octyl phthalate	14.64	149	1350547	50.42	ng		98
85) Indeno(1,2,3-cd)pyrene	16.87	276	1104168	56.90	ng		99
87) Benzo(b)fluoranthene	15.05	252	1297599m	53.66	ng		
88) Benzo(k)fluoranthene	15.08	252	678622m	36.84	ng		
89) Benzo(a)pyrene	15.40	252	918688	48.24	ng		98
90) Dibenzo(a,h)anthracene	16.89	278	925992	52.12	ng	#	97
91) Benzo(g,h,i)perylene	17.29	276	901155	52.33	ng		99

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

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