Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085238.D
Acq On : 5 Mar 2016 7:44
Operator : SJ/IZ
Sample : H1683-04MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP(0.5-5.0)MSD

Manual Integrations APPROVED
UMANGI
3/7/2016 3:30:56 PM

Quant Time: Mar 07 12:26:24 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	165889	20.00	ng		-0.01
21) Naphthalene-d8	8.26	136	615238	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	235286	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	430924	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	267194	20.00	ng		-0.01
86) Perylene-d12	15.61	264	270602	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1387894	140.34	ng		0.01
7) Phenol-d6	6.61	99	1704436	131.55	ng		0.00
23) Nitrobenzene-d5	7.54	82	1206130	104.91	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	385142	191.30	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1519870	98.24	ng		-0.01
78) Terphenyl-d14	13.09	244	1072911	93.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	233190	46.11	ng		99
3) Pyridine	3.50	79	613920	48.50	ng		98
4) n-Nitrosodimethylamine	3.45	42	305167	56.33	ng		95
6) Aniline	6.64	93	500493	27.56	ng		95
8) 2-Chlorophenol	6.76	128	523781	43.99	ng		90
9) Benzaldehyde	6.52	77	193957	29.69	ng		99
10) Phenol	6.62	94	701840m	50.58	ng		
11) bis(2-Chloroethyl)ether	6.71	93	532146	46.17	ng		98
12) 1,3-Dichlorobenzene	6.92	146	605879m	47.40	ng		
13) 1,4-Dichlorobenzene	7.00	146	604888m	47.22	ng		
14) 1,2-Dichlorobenzene	7.14	146	532767	45.83	ng		98
15) Benzyl Alcohol	7.11	79	487242	51.23	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	711677	42.84	ng		98
17) 2-Methylphenol	7.22	107	465750	47.94	ng		97
18) Hexachloroethane	7.49	117	232479	49.19	ng		96
19) n-Nitroso-di-n-propylamine	7.40	70	427115	50.58	ng		98
20) 3+4-Methylphenols	7.38	107	581282	50.51	ng	#	72
22) Acetophenone	7.38	105	717556	47.78	ng	#	95
24) Nitrobenzene	7.56	77	536793	45.96	ng		98
25) Isophorone	7.80	82	1093925	51.34	ng		98
26) 2-Nitrophenol	7.88	139	319324	56.18	ng	#	84
27) 2,4-Dimethylphenol	7.91	122	518895	49.95	ng		93
28) bis(2-Chloroethoxy)methane	8.00	93	634568	53.48	ng		98
29) 2,4-Dichlorophenol	8.12	162	439574	52.47	ng		92
30) 1,2,4-Trichlorobenzene	8.20	180	457277	50.49	ng		99
31) Naphthalene	8.29	128	1617624	53.47	ng		99
32) Benzoic acid	7.99	122	100361	14.55	ng	#	81
33) 4-Chloroaniline	8.32	127	208637	17.05	ng		98
34) Hexachlorobutadiene	8.40	225	259402	55.04	ng		98
35) Caprolactam	8.70	113	180415m	65.95	ng		
36) 4-Chloro-3-methylphenol	8.81	107	465961	49.03	ng		97
37) 2-Methylnaphthalene	8.97	142	951187	49.00	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	405513	60.26	ng		98
40) Hexachlorocyclopentadiene	9.13	237	204249	56.28	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	276972	55.30	ng		96
43) 2,4,5-Trichlorophenol	9.29	196	262337	55.24	ng		97
45) 1,1'-Biphenyl	9.44	154	1081454	53.80	ng		96
46) 2-Chloronaphthalene	9.46	162	755624	49.31	ng		93
47) 2-Nitroaniline	9.56	65	266956	56.22	ng		91
48) Acenaphthylene	9.89	152	1271988	53.34	ng		98
49) Dimethylphthalate	9.74	163	987787	54.70	ng		99
50) 2,6-Dinitrotoluene	9.80	165	192265	49.77	ng	#	78
51) Acenaphthene	10.06	154	796570	55.01	ng		99
52) 3-Nitroaniline	9.97	138	167175	36.17	ng	#	98
53) 2,4-Dinitrophenol	10.07	184	57022	34.19	ng	#	50
54) Dibenzofuran	10.23	168	1174032	61.89	ng		93
55) 4-Nitrophenol	10.13	139	399566	110.00	ng		91
56) 2,4-Dinitrotoluene	10.21	165	320777	64.88	ng	#	73
57) Fluorene	10.57	166	938329	62.97	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	215518	64.60	ng	#	96
59) Diethylphthalate	10.44	149	915930	52.27	ng		96
60) 4-Chlorophenyl-phenylether	10.56	204	417924	57.64	ng	#	87
61) 4-Nitroaniline	10.57	138	185657	42.94	ng		99
62) Azobenzene	10.72	77	1054389	61.07	ng		83
64) 4,6-Dinitro-2-methylphenol	10.61	198	58678	22.74	ng	#	37
65) n-Nitrosodiphenylamine	10.68	169	823248	61.42	ng		97
66) 4-Bromophenyl-phenylether	11.05	248	239682	57.28	ng	#	83
67) Hexachlorobenzene	11.12	284	245017	54.89	ng		96
68) Atrazine	11.20	200	242660	65.10	ng		98
69) Pentachlorophenol	11.30	266	240687	97.14	ng		99
70) Phenanthrene	11.53	178	1889775	83.68	ng		100
71) Anthracene	11.58	178	1401998	58.48	ng		99
72) Carbazole	11.73	167	968374	46.06	ng		99
73) Di-n-butylphthalate	12.06	149	1177066	44.30	ng		99
74) Fluoranthene	12.72	202	2089868	92.21	ng		99
76) Benzidine	12.84	184	328197	41.27	ng		98
77) Pyrene	12.95	202	1940821	96.51	ng		99
79) Butylbenzylphthalate	13.56	149	474947	52.05	ng	#	79
80) Benzo(a)anthracene	14.13	228	1348507	84.31	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	126610	25.09	ng	#	95
82) Chrysene	14.16	228	1055605	71.44	ng		98
83) Bis(2-ethylhexyl)phthalate	14.12	149	625168	52.06	ng	#	96
84) Di-n-octyl phthalate	14.72	149	1015101	55.51	ng		98
85) Indeno(1,2,3-cd)pyrene	17.10	276	971764	84.27	ng		96
87) Benzo(b)fluoranthene	15.19	252	1565188m	86.78	ng		
88) Benzo(k)fluoranthene	15.21	252	747476m	51.38	ng		
89) Benzo(a)pyrene	15.56	252	1142555	76.44	ng		97
90) Dibenzo(a,h)anthracene	17.11	278	727753	57.04	ng		97
91) Benzo(g,h,i)perylene	17.55	276	787513	61.39	ng		98

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

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