Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086849.D
Acq On : 10 May 2016 4:45
Operator : UM/SJ
Sample : H2707-08MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

Quant Time: May 10 07:20:13 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	164481	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	665480	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	316098	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	547807	20.00	ng		0.00
75) Chrysene-d12	13.84	240	297786	20.00	ng		0.00
86) Perylene-d12	15.21	264	313676	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1372377	141.30	ng		0.01
7) Phenol-d6	6.36	99	1769317	136.31	ng		0.00
23) Nitrobenzene-d5	7.26	82	1296376	97.82	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	411520	122.97	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1646673	87.55	ng		0.00
78) Terphenyl-d14	12.79	244	1321338	94.14	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	179662	37.68	ng	#	69
3) Pyridine	2.93	79	483154	41.45	ng	#	62
4) n-Nitrosodimethylamine	2.90	42	425893	50.38	ng	#	51
6) Aniline	6.37	93	242868	15.47	ng	#	1
8) 2-Chlorophenol	6.49	128	561769	47.94	ng		93
9) Benzaldehyde	6.24	77	95133	12.66	ng		93
10) Phenol	6.37	94	637036	41.29	ng	#	66
11) bis(2-Chloroethyl)ether	6.44	93	596715	49.60	ng		88
12) 1,3-Dichlorobenzene	6.62	146	559722	44.13	ng	#	89
13) 1,4-Dichlorobenzene	6.70	146	559900	43.29	ng	#	91
14) 1,2-Dichlorobenzene	6.86	146	537816	47.71	ng		99
15) Benzyl Alcohol	6.85	79	444480	49.59	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1107126	42.33	ng		55
17) 2-Methylphenol	6.98	107	466996	50.08	ng	#	82
18) Hexachloroethane	7.20	117	214858	44.15	ng		94
19) n-Nitroso-di-n-propylamine	7.13	70	471428	51.97	ng	#	72
20) 3+4-Methylphenols	7.14	107	621920	51.06	ng	#	58
22) Acetophenone	7.12	105	811219	51.61	ng	#	99
24) Nitrobenzene	7.29	77	665313	48.80	ng		98
25) Isophorone	7.53	82	1177070	47.87	ng		99
26) 2-Nitrophenol	7.61	139	318643	53.17	ng		97
27) 2,4-Dimethylphenol	7.65	122	448205	43.91	ng		88
28) bis(2-Chloroethoxy)methane	7.74	93	744695	56.14	ng		98
29) 2,4-Dichlorophenol	7.86	162	461258	51.33	ng		93
30) 1,2,4-Trichlorobenzene	7.93	180	502024	49.97	ng		100
31) Naphthalene	8.01	128	1613051	48.39	ng		100
32) Benzoic acid	7.79	122	137578	22.95	ng	#	85
33) 4-Chloroaniline	8.06	127	144248	11.14	ng	#	93
34) Hexachlorobutadiene	8.12	225	277633	47.63	ng		99
35) Caprolactam	8.45	113	142354m	46.57	ng		
36) 4-Chloro-3-methylphenol	8.57	107	501533	46.03	ng		91
37) 2-Methylnaphthalene	8.69	142	1014715	52.07	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	436143	47.46	ng		99
40) Hexachlorocyclopentadiene	8.84	237	234645	53.79	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	295515	48.09	ng		95
43) 2,4,5-Trichlorophenol	9.04	196	315573	49.65	ng		96
45) 1,1'-Biphenyl	9.16	154	1290822	51.34	ng		97
46) 2-Chloronaphthalene	9.18	162	984484	49.98	ng		96
47) 2-Nitroaniline	9.29	65	338433	47.01	ng	#	75
48) Acenaphthylene	9.60	152	1440936	49.73	ng		99
49) Dimethylphthalate	9.47	163	1229599	50.99	ng		99
50) 2,6-Dinitrotoluene	9.54	165	262948	51.81	ng	#	63
51) Acenaphthene	9.77	154	934331	51.84	ng		98
52) 3-Nitroaniline	9.70	138	124035	23.21	ng	#	74
53) 2,4-Dinitrophenol	9.81	184	156895	62.37	ng		92
54) Dibenzofuran	9.94	168	1234859	53.37	ng		95
55) 4-Nitrophenol	9.89	139	312220	87.20	ng	#	49
56) 2,4-Dinitrotoluene	9.94	165	331448	52.77	ng	#	89
57) Fluorene	10.28	166	1023721	51.88	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	262318	54.82	ng		98
59) Diethylphthalate	10.17	149	1102819	46.93	ng		98
60) 4-Chlorophenyl-phenylether	10.27	204	402924	47.62	ng		99
61) 4-Nitroaniline	10.32	138	231998	45.21	ng	#	68
62) Azobenzene	10.43	77	1265345	49.91	ng		87
64) 4,6-Dinitro-2-methylphenol	10.35	198	127876	37.58	ng		83
65) n-Nitrosodiphenylamine	10.40	169	803060	47.72	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	292522	52.67	ng	#	86
67) Hexachlorobenzene	10.82	284	292697	45.09	ng	#	70
68) Atrazine	10.93	200	314919	56.02	ng		95
69) Pentachlorophenol	11.02	266	297486	99.17	ng		98
70) Phenanthrene	11.23	178	1261686	43.16	ng		99
71) Anthracene	11.29	178	1479082	49.47	ng		99
72) Carbazole	11.45	167	1245933	48.48	ng		98
73) Di-n-butylphthalate	11.78	149	1557755	49.63	ng	#	98
74) Fluoranthene	12.41	202	1223168	40.68	ng		100
76) Benzidine	12.55	184	87565	11.53	ng		97
77) Pyrene	12.64	202	1107119	48.56	ng		100
79) Butylbenzylphthalate	13.27	149	542148	56.22	ng	#	73
80) Benzo(a)anthracene	13.83	228	792116	47.38	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	197840	18.63	ng		98
82) Chrysene	13.86	228	823238	48.41	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	702546	60.57	ng		97
84) Di-n-octyl phthalate	14.43	149	1064980	55.43	ng	#	83
85) Indeno(1,2,3-cd)pyrene	16.51	276	930424	65.76	ng		96
87) Benzo(b)fluoranthene	14.83	252	919070m	45.08	ng		
88) Benzo(k)fluoranthene	14.85	252	723824m	43.36	ng		
89) Benzo(a)pyrene	15.15	252	832920	47.37	ng	#	97
90) Dibenzo(a,h)anthracene	16.51	278	788193	53.19	ng		98
91) Benzo(g,h,i)perylene	16.89	276	757619	50.31	ng		95

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

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