Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085274.D
Acq On : 9 Mar 2016 00:00
Operator : UM/SJ
Sample : H1684-09MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1MS

Manual Integrations APPROVED
UMANGI
3/9/2016 3:26:39 PM

Quant Time: Mar 09 13:10:08 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	6.96	152	175860	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	690908	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	290322	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	536558	20.00	ng		-0.02
75) Chrysene-d12	14.13	240	364105	20.00	ng		-0.02
86) Perylene-d12	15.59	264	286013	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1305630	124.53	ng		0.01
7) Phenol-d6	6.60	99	1506359	109.67	ng		-0.01
23) Nitrobenzene-d5	7.53	82	1248427	96.69	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	420264	169.18	ng		-0.01
44) 2-Fluorobiphenyl	9.33	172	1832053	95.97	ng		-0.02
78) Terphenyl-d14	13.08	244	1679792	107.10	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	210519	39.27	ng	#	85
3) Pyridine	3.58	79	419597	31.27	ng		99
4) n-Nitrosodimethylamine	3.52	42	251368	43.77	ng		97
6) Aniline	6.63	93	182441	9.48	ng		96
8) 2-Chlorophenol	6.76	128	566451	44.88	ng		88
9) Benzaldehyde	6.52	77	63022	6.54	ng		88
10) Phenol	6.61	94	647702m	44.03	ng		
11) bis(2-Chloroethyl)ether	6.70	93	536095	43.87	ng		96
12) 1,3-Dichlorobenzene	6.90	146	572846m	42.27	ng		
13) 1,4-Dichlorobenzene	6.98	146	617282	45.45	ng		93
14) 1,2-Dichlorobenzene	7.13	146	543624	44.12	ng		98
15) Benzyl Alcohol	7.11	79	496849	49.28	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	760920	43.20	ng		99
17) 2-Methylphenol	7.21	107	465313	45.18	ng		97
18) Hexachloroethane	7.48	117	218034	43.52	ng		93
19) n-Nitroso-di-n-propylamine	7.38	70	418565	46.75	ng		98
20) 3+4-Methylphenols	7.36	107	548785	44.98	ng		92
22) Acetophenone	7.37	105	730349	43.31	ng		98
24) Nitrobenzene	7.54	77	569493	43.42	ng		99
25) Isophorone	7.78	82	1120529	46.83	ng		99
26) 2-Nitrophenol	7.86	139	334687	52.44	ng	#	87
27) 2,4-Dimethylphenol	7.90	122	569718	48.84	ng		95
28) bis(2-Chloroethoxy)methane	7.99	93	699200	52.47	ng		99
29) 2,4-Dichlorophenol	8.10	162	494477	52.56	ng		94
30) 1,2,4-Trichlorobenzene	8.18	180	496539	48.82	ng		99
31) Naphthalene	8.28	128	2632935	77.50	ng		99
32) Benzoic acid	8.01	122	342853	44.25	ng		96
33) 4-Chloroaniline	8.32	127	41703	3.03	ng		96
34) Hexachlorobutadiene	8.39	225	272331	51.46	ng		98
35) Caprolactam	8.69	113	121217m	39.46	ng		
36) 4-Chloro-3-methylphenol	8.80	107	527077	49.39	ng		92
37) 2-Methylnaphthalene	8.96	142	1116638	51.22	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	430160	51.81	ng		98
40) Hexachlorocyclopentadiene	9.12	237	489591	109.33	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	317251	51.33	ng		96
43) 2,4,5-Trichlorophenol	9.28	196	301437	51.44	ng		99
45) 1,1'-Biphenyl	9.43	154	1267734	51.11	ng		95
46) 2-Chloronaphthalene	9.45	162	955457	50.54	ng		96
47) 2-Nitroaniline	9.54	65	283383	48.37	ng		87
48) Acenaphthylene	9.86	152	1429000	48.56	ng		99
49) Dimethylphthalate	9.73	163	1048173	47.04	ng		99
50) 2,6-Dinitrotoluene	9.78	165	222094	46.59	ng	#	88
51) Acenaphthene	10.04	154	983860	55.07	ng		99
52) 3-Nitroaniline	9.96	138	52943	9.28	ng		94
53) 2,4-Dinitrophenol	10.06	184	248073	100.28	ng	#	55
54) Dibenzofuran	10.21	168	1263667	53.99	ng		98
55) 4-Nitrophenol	10.12	139	376026	83.89	ng		84
56) 2,4-Dinitrotoluene	10.20	165	354239	58.06	ng	#	75
57) Fluorene	10.55	166	922868	50.19	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	232132	56.39	ng		96
59) Diethylphthalate	10.42	149	1031501	47.70	ng		96
60) 4-Chlorophenyl-phenylether	10.54	204	453408	50.68	ng		91
61) 4-Nitroaniline	10.57	138	226734	42.50	ng		88
62) Azobenzene	10.70	77	1107402	51.98	ng		96
64) 4,6-Dinitro-2-methylphenol	10.60	198	160316	49.90	ng	#	66
65) n-Nitrosodiphenylamine	10.66	169	817617	48.99	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	269668	51.76	ng	#	87
67) Hexachlorobenzene	11.10	284	279164	50.23	ng	#	81
68) Atrazine	11.19	200	199452	42.97	ng		93
69) Pentachlorophenol	11.29	266	341045	110.54	ng		99
70) Phenanthrene	11.51	178	1452452	51.65	ng		99
71) Anthracene	11.57	178	1475112	49.42	ng		99
72) Carbazole	11.72	167	1086939	41.52	ng		99
73) Di-n-butylphthalate	12.05	149	1581219	47.79	ng		99
74) Fluoranthene	12.70	202	1322075	46.85	ng		97
76) Benzidine	12.83	184	72665	6.71	ng		99
77) Pyrene	12.93	202	1329833	48.53	ng		100
79) Butylbenzylphthalate	13.55	149	685607	55.14	ng	#	78
80) Benzo(a)anthracene	14.12	228	1050766	48.21	ng		99
81) 3,3'-Dichlorobenzidine	14.07	252	62848	9.14	ng		99
82) Chrysene	14.15	228	949380	47.15	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	833069	50.91	ng	#	96
84) Di-n-octyl phthalate	14.71	149	1314861	52.76	ng		98
85) Indeno(1,2,3-cd)pyrene	17.07	276	1040728	66.23	ng		98
87) Benzo(b)fluoranthene	15.16	252	1021894	53.60	ng		100
88) Benzo(k)fluoranthene	15.19	252	739096m	48.07	ng		
89) Benzo(a)pyrene	15.53	252	867151	54.89	ng		99
90) Dibenzo(a,h)anthracene	17.08	278	878656	65.16	ng		99
91) Benzo(g,h,i)perylene	17.51	276	878178	64.76	ng		98

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

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