Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
Data File : BF094340.D
Acq On : 11 Apr 2017 5:57
Operator : SJ/MA
Sample : I2598-03MS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-56-S1(0-2)MS

Manual Integrations APPROVED
mohammad
4/11/2017 12:53:35 PM

Quant Time: Apr 11 06:41:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	171365	20.00	ng		-0.02
21) Naphthalene-d8	7.35	136	671465	20.00	ng		-0.02
38) Acenaphthene-d10	9.49	164	294472	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	476044	20.00	ng		-0.02
75) Chrysene-d12	14.56	240	304724	20.00	ng		-0.02
86) Perylene-d12	16.18	264	266039	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.40	112	1379939	136.01	ng		0.02
7) Phenol-d6	5.49	99	1755478	139.86	ng		0.02
23) Nitrobenzene-d5	6.50	82	1129635	96.01	ng		-0.01
41) 2,4,6-Tribromophenol	10.47	330	331966	142.66	ng		0.00
44) 2-Fluorobiphenyl	8.67	172	1800674	93.27	ng		-0.02
78) Terphenyl-d14	13.29	244	1232216	90.64	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	192218	39.43	ng		97
3) Pyridine	2.71	79	383920	28.90	ng		98
4) n-Nitrosodimethylamine	2.68	42	267556	48.95	ng		95
6) Aniline	5.47	93	372735	21.35	ng	#	83
8) 2-Chlorophenol	5.62	128	559694	50.19	ng		99
9) Benzaldehyde	5.33	77	207915	24.53	ng		96
10) Phenol	5.50	94	782064	54.76	ng		89
11) bis(2-Chloroethyl)ether	5.56	93	566337	50.74	ng		95
12) 1,3-Dichlorobenzene	5.77	146	603159	48.22	ng		100
13) 1,4-Dichlorobenzene	5.86	146	611199	48.24	ng		98
14) 1,2-Dichlorobenzene	6.03	146	552571	47.36	ng		98
15) Benzyl Alcohol	6.02	79	431270	46.94	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.17	45	714687	41.55	ng	#	41
17) 2-Methylphenol	6.17	107	459761	48.14	ng	#	89
18) Hexachloroethane	6.43	117	212220	47.66	ng		88
19) n-Nitroso-di-n-propylamine	6.33	70	416257	51.60	ng		97
20) 3+4-Methylphenols	6.36	107	644586	55.72	ng	#	63
22) Acetophenone	6.32	105	810601	54.17	ng	#	86
24) Nitrobenzene	6.52	77	584316	50.35	ng		94
25) Isophorone	6.80	82	1037958	50.20	ng		95
26) 2-Nitrophenol	6.89	139	324303	58.60	ng		99
27) 2,4-Dimethylphenol	6.97	122	505695	53.03	ng		98
28) bis(2-Chloroethoxy)methane	7.06	93	685234	50.26	ng		99
29) 2,4-Dichlorophenol	7.20	162	476482	53.45	ng		98
30) 1,2,4-Trichlorobenzene	7.28	180	471633	51.36	ng		99
31) Naphthalene	7.37	128	1578996	48.91	ng		99
32) Benzoic acid	7.15	122	198285	31.24	ng		97
33) 4-Chloroaniline	7.44	127	145970	11.16	ng		93
34) Hexachlorobutadiene	7.52	225	232898	49.46	ng		99
35) Caprolactam	7.90	113	153194m	53.88	ng		
36) 4-Chloro-3-methylphenol	8.09	107	492458	52.86	ng		91
37) 2-Methylnaphthalene	8.22	142	1064721	49.47	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.42	216	398993	49.53	ng		99
40) Hexachlorocyclopentadiene	8.40	237	274361	72.78	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.57	196	314268	55.14	ng		98
43) 2,4,5-Trichlorophenol	8.63	196	312802	50.72	ng		95
45) 1,1'-Biphenyl	8.79	154	1159651	48.82	ng		98
46) 2-Chloronaphthalene	8.81	162	921327	49.55	ng		95
47) 2-Nitroaniline	8.94	65	289446	52.48	ng		87
48) Acenaphthylene	9.32	152	1406581	45.52	ng		99
49) Dimethylphthalate	9.18	163	1346247	64.31	ng		99
50) 2,6-Dinitrotoluene	9.25	165	253292	52.79	ng	#	86
51) Acenaphthene	9.53	154	849307	47.10	ng		99
52) 3-Nitroaniline	9.45	138	160171	28.43	ng		95
53) 2,4-Dinitrophenol	9.58	184	148357	59.07	ng	#	74
54) Dibenzofuran	9.74	168	1183911	48.24	ng		99
55) 4-Nitrophenol	9.72	139	514726m	116.65	ng		
56) 2,4-Dinitrotoluene	9.74	165	282543	46.87	ng	#	61
57) Fluorene	10.16	166	899864	44.21	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	226259	53.47	ng		96
59) Diethylphthalate	10.05	149	1056603	51.07	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	389508	44.92	ng		89
61) 4-Nitroaniline	10.21	138	241399	44.65	ng		97
62) Azobenzene	10.36	77	985783	50.37	ng		95
64) 4,6-Dinitro-2-methylphenol	10.25	198	123539	42.37	ng	#	74
65) n-Nitrosodiphenylamine	10.32	169	858113	52.12	ng		98
66) 4-Bromophenyl-phenylether	10.76	248	246585	52.67	ng		98
67) Hexachlorobenzene	10.84	284	244751	51.64	ng	#	93
68) Atrazine	11.00	200	254247	51.56	ng		96
69) Pentachlorophenol	11.09	266	217163	73.62	ng		98
70) Phenanthrene	11.34	178	1266002	47.81	ng		99
71) Anthracene	11.40	178	1301814	47.74	ng		99
72) Carbazole	11.61	167	1225786	43.84	ng		99
73) Di-n-butylphthalate	12.05	149	1517232	52.18	ng		99
74) Fluoranthene	12.80	202	1160953	42.81	ng		99
76) Benzidine	12.97	184	209977	17.41	ng	#	91
77) Pyrene	13.07	202	1144736	51.76	ng		98
79) Butylbenzylphthalate	13.89	149	562646	59.71	ng	#	86
80) Benzo(a)anthracene	14.54	228	879179	49.48	ng		99
81) 3,3'-Dichlorobenzidine	14.52	252	230263	36.25	ng	#	95
82) Chrysene	14.59	228	775289	47.02	ng		100
83) Bis(2-ethylhexyl)phthalate	14.60	149	769238	59.84	ng	#	98
84) Di-n-octyl phthalate	15.36	149	1254003	58.39	ng		97
85) Indeno(1,2,3-cd)pyrene	17.50	276	761545	53.32	ng		99
87) Benzo(b)fluoranthene	15.78	252	846485	51.91	ng		98
88) Benzo(k)fluoranthene	15.81	252	712456	44.65	ng		96
89) Benzo(a)pyrene	16.13	252	746412	49.70	ng		99
90) Dibenzo(a,h)anthracene	17.52	278	639728	50.30	ng		97
91) Benzo(g,h,i)perylene	17.90	276	606187	47.30	ng		97

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

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