Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096596.D
Acq On : 10 Jul 2017 13:02
Operator : SJ/JU
Sample : I4061-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1-AMSD

Manual Integrations APPROVED
mohammad
7/11/2017 1:35:05 PM

Quant Time: Jul 11 02:04:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	125708	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	540651	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	245779	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	426005	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	276287	20.00	ng		-0.02
86) Perylene-d12	15.22	264	229672	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	975219	114.50	ng		0.00
7) Phenol-d6	6.33	99	1167293	111.48	ng		-0.01
23) Nitrobenzene-d5	7.25	82	779975	86.69	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	268024	139.61	ng		-0.01
44) 2-Fluorobiphenyl	9.05	172	1348424	93.80	ng		-0.02
78) Terphenyl-d14	12.78	244	1083220	83.78	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	126596	31.35	ng	#	65
3) Pyridine	3.18	79	258349	23.32	ng	#	60
4) n-Nitrosodimethylamine	3.10	42	217056	39.69	ng		83
6) Aniline	6.35	93	120342m	8.89	ng		
8) 2-Chlorophenol	6.47	128	380574	41.90	ng		93
9) Benzaldehyde	6.23	77	64515	9.85	ng		96
10) Phenol	6.35	94	423199	35.48	ng		98
11) bis(2-Chloroethyl)ether	6.43	93	390580m	42.37	ng		
12) 1,3-Dichlorobenzene	6.63	146	368193	38.66	ng		99
13) 1,4-Dichlorobenzene	6.70	146	371797	39.06	ng		97
14) 1,2-Dichlorobenzene	6.86	146	345443	39.53	ng		98
15) Benzyl Alcohol	6.83	79	314331	44.91	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	804500	42.93	ng		94
17) 2-Methylphenol	6.95	107	324155	44.78	ng		99
18) Hexachloroethane	7.20	117	133662	38.73	ng	#	83
19) n-Nitroso-di-n-propylamine	7.11	70	267402	42.87	ng	#	86
20) 3+4-Methylphenols	7.10	107	377091	46.71	ng	#	87
22) Acetophenone	7.10	105	513299	43.45	ng	#	95
24) Nitrobenzene	7.27	77	396652	42.02	ng		92
25) Isophorone	7.51	82	758998	43.51	ng		98
26) 2-Nitrophenol	7.59	139	227590	45.56	ng		93
27) 2,4-Dimethylphenol	7.63	122	370823	43.59	ng		94
28) bis(2-Chloroethoxy)methane	7.72	93	507114	44.04	ng		99
29) 2,4-Dichlorophenol	7.83	162	339114	46.21	ng		95
30) 1,2,4-Trichlorobenzene	7.91	180	301196	43.51	ng		97
31) Naphthalene	7.99	128	1150329	45.07	ng		100
32) Benzoic acid	7.77	122	281386	39.39	ng		88
33) 4-Chloroaniline	8.04	127	89108	8.41	ng		93
34) Hexachlorobutadiene	8.11	225	150374	42.35	ng		97
35) Caprolactam	8.42	113	107777m	42.59	ng		
36) 4-Chloro-3-methylphenol	8.53	107	373982	46.05	ng		90
37) 2-Methylnaphthalene	8.68	142	792395	48.77	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	254862	39.94	ng		98
40) Hexachlorocyclopentadiene	8.84	237	262375	84.56	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	222657	44.10	ng		97
43) 2,4,5-Trichlorophenol	9.00	196	228450	45.77	ng		98
45) 1,1'-Biphenyl	9.15	154	877943	41.69	ng		98
46) 2-Chloronaphthalene	9.17	162	681705	43.44	ng		94
47) 2-Nitroaniline	9.26	65	262004	45.88	ng		92
48) Acenaphthylene	9.58	152	1104770	44.43	ng		99
49) Dimethylphthalate	9.45	163	858193	46.77	ng		100
50) 2,6-Dinitrotoluene	9.51	165	192382	47.42	ng	#	91
51) Acenaphthene	9.75	154	648768	42.32	ng		100
52) 3-Nitroaniline	9.67	138	96291	19.03	ng		90
53) 2,4-Dinitrophenol	9.79	184	207775	96.42	ng	#	74
54) Dibenzofuran	9.93	168	966073	47.74	ng		99
55) 4-Nitrophenol	9.85	139	318552	75.95	ng	#	70
56) 2,4-Dinitrotoluene	9.92	165	252633	49.17	ng	#	83
57) Fluorene	10.27	166	700361	49.00	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.05	232	180904	52.38	ng		97
59) Diethylphthalate	10.15	149	823781	47.50	ng		100
60) 4-Chlorophenyl-phenylether	10.26	204	288041	46.32	ng		94
61) 4-Nitroaniline	10.29	138	193638	42.08	ng		90
62) Azobenzene	10.42	77	795564	47.44	ng		92
64) 4,6-Dinitro-2-methylphenol	10.32	198	133992	45.61	ng		89
65) n-Nitrosodiphenylamine	10.38	169	654651	43.80	ng		100
66) 4-Bromophenyl-phenylether	10.75	248	195255	47.08	ng		94
67) Hexachlorobenzene	10.82	284	201891	44.47	ng	#	87
68) Atrazine	10.91	200	175524	41.10	ng		94
69) Pentachlorophenol	11.01	266	220179	81.84	ng		99
70) Phenanthrene	11.22	178	1065820	46.28	ng		99
71) Anthracene	11.27	178	1085927	46.27	ng		99
72) Carbazole	11.43	167	1019036	43.18	ng		99
73) Di-n-butylphthalate	11.77	149	1264439	44.23	ng		98
74) Fluoranthene	12.40	202	1055690	46.76	ng		98
76) Benzidine	12.52	184	57014	4.30	ng		95
77) Pyrene	12.63	202	1078954	48.65	ng		99
79) Butylbenzylphthalate	13.26	149	532640	47.45	ng	#	79
80) Benzo(a)anthracene	13.82	228	763682	47.73	ng		98
81) 3,3'-Dichlorobenzidine	13.78	252	130823	19.91	ng	#	96
82) Chrysene	13.86	228	796030	47.51	ng		100
83) Bis(2-ethylhexyl)phthalate	13.82	149	598968	47.80	ng		99
84) Di-n-octyl phthalate	14.43	149	1215710	49.26	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.56	276	601626	45.49	ng		97
87) Benzo(b)fluoranthene	14.83	252	720967	50.10	ng		98
88) Benzo(k)fluoranthene	14.86	252	615831m	47.84	ng		
89) Benzo(a)pyrene	15.17	252	613520	47.75	ng		99
90) Dibenzo(a,h)anthracene	16.58	278	486749	48.16	ng		97
91) Benzo(g,h,i)perylene	16.96	276	516097	49.27	ng		99

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

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