Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
Data File : BF095964.D
Acq On : 16 Jun 2017 19:45
Operator : SJ/MA
Sample : I3676-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MS

Manual Integrations APPROVED
mohammad
6/19/2017 3:47:24 PM

Quant Time: Jun 17 00:10:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	63288	20.00	ng		0.00
21) Naphthalene-d8	9.35	136	265402	20.00	ng		0.00
38) Acenaphthene-d10	12.17	164	118657	20.00	ng		0.00
63) Phenanthrene-d10	14.56	188	195888	20.00	ng		0.00
75) Chrysene-d12	18.29	240	131085	20.00	ng		-0.01
86) Perylene-d12	19.96	264	135798	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	435309	109.60	ng		0.00
7) Phenol-d6	6.90	99	508104	106.86	ng		-0.01
23) Nitrobenzene-d5	8.25	82	299294	70.04	ng		0.00
41) 2,4,6-Tribromophenol	13.47	330	104179	99.23	ng		0.00
44) 2-Fluorobiphenyl	11.13	172	556300	65.24	ng		0.00
78) Terphenyl-d14	16.94	244	393956	74.58	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.68	88	51563	27.29	ng		94
3) Pyridine	2.23	79	123682	27.85	ng		95
4) n-Nitrosodimethylamine	2.19	42	53456	31.66	ng		88
6) Aniline	6.82	93	176052	28.30	ng		94
8) 2-Chlorophenol	7.01	128	154402	36.56	ng		97
9) Benzaldehyde	6.65	77	43465	13.55	ng		95
10) Phenol	6.92	94	199400	40.43	ng		91
11) bis(2-Chloroethyl)ether	6.96	93	139557	35.72	ng		99
12) 1,3-Dichlorobenzene	7.22	146	158686	33.20	ng		97
13) 1,4-Dichlorobenzene	7.35	146	162364	33.50	ng		96
14) 1,2-Dichlorobenzene	7.58	146	155969	34.90	ng		94
15) Benzyl Alcohol	7.63	79	120473	36.91	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.82	45	189266	34.48	ng		97
17) 2-Methylphenol	7.87	107	125014	35.27	ng		96
18) Hexachloroethane	8.09	117	53222	33.24	ng	#	86
19) n-Nitroso-di-n-propylamine	8.06	70	104473	34.67	ng		93
20) 3+4-Methylphenols	8.13	107	160319	35.64	ng	#	55
22) Acetophenone	8.02	105	210536	33.89	ng	#	82
24) Nitrobenzene	8.27	77	146672	32.13	ng		93
25) Isophorone	8.67	82	263177	32.98	ng	#	94
26) 2-Nitrophenol	8.79	139	83619	34.98	ng		97
27) 2,4-Dimethylphenol	8.94	122	131197	35.37	ng		98
28) bis(2-Chloroethoxy)methane	9.05	93	172640	32.82	ng		99
29) 2,4-Dichlorophenol	9.23	162	123055	34.44	ng		98
30) 1,2,4-Trichlorobenzene	9.29	180	123060	33.10	ng		98
31) Naphthalene	9.39	128	436676	32.78	ng		99
33) 4-Chloroaniline	9.55	127	144323	27.72	ng	#	90
34) Hexachlorobutadiene	9.60	225	62207	32.38	ng		98
35) Caprolactam	10.16	113	38376m	36.10	ng		
36) 4-Chloro-3-methylphenol	10.43	107	131408	35.14	ng		90
37) 2-Methylnaphthalene	10.52	142	299120	33.24	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.79	216	115941	32.65	ng		98
40) Hexachlorocyclopentadiene	10.76	237	18810	25.77	ng		90
42) 2,4,6-Trichlorophenol	11.03	196	79563	34.85	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	11.13	196	77282	31.82	ng	#	93
45) 1,1'-Biphenyl	11.28	154	329549	33.70	ng		98
46) 2-Chloronaphthalene	11.29	162	254466	33.30	ng		94
47) 2-Nitroaniline	11.52	65	76016	34.00	ng	#	79
48) Acenaphthylene	11.94	152	399814	30.60	ng		97
49) Dimethylphthalate	11.84	163	373680	41.48	ng		100
50) 2,6-Dinitrotoluene	11.93	165	64476	32.81	ng	#	77
51) Acenaphthene	12.23	154	235984	31.27	ng		99
52) 3-Nitroaniline	12.20	138	66378	28.99	ng		88
53) 2,4-Dinitrophenol	12.46	184	17899m	21.26	ng		
54) Dibenzofuran	12.52	168	366171	34.48	ng		95
55) 4-Nitrophenol	12.64	139	76029	58.21	ng	#	69
56) 2,4-Dinitrotoluene	12.61	165	90992	34.28	ng		93
57) Fluorene	13.06	166	284506	30.78	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.77	232	59406	35.75	ng	#	89
59) Diethylphthalate	12.98	149	291244	33.59	ng		100
60) 4-Chlorophenyl-phenylether	13.09	204	127378	31.69	ng		90
61) 4-Nitroaniline	13.20	138	66299	31.01	ng		94
62) Azobenzene	13.35	77	263810	33.57	ng		94
64) 4,6-Dinitro-2-methylphenol	13.29	198	28232	21.93	ng	#	82
65) n-Nitrosodiphenylamine	13.30	169	248423	35.29	ng		98
66) 4-Bromophenyl-phenylether	13.87	248	71050	34.90	ng		95
67) Hexachlorobenzene	13.96	284	68661	34.23	ng	#	87
68) Atrazine	14.23	200	73343	37.44	ng		97
69) Pentachlorophenol	14.33	266	33404	46.89	ng		96
70) Phenanthrene	14.60	178	381644	33.77	ng		100
71) Anthracene	14.69	178	389425	33.00	ng		97
72) Carbazole	14.99	167	359180	31.24	ng		97
73) Di-n-butylphthalate	15.58	149	435205	35.57	ng		98
74) Fluoranthene	16.39	202	331260	29.61	ng		99
76) Benzidine	16.62	184	195377	38.81	ng	#	94
77) Pyrene	16.69	202	331548	33.90	ng		98
79) Butylbenzylphthalate	17.61	149	149046	34.89	ng	#	85
80) Benzo(a)anthracene	18.27	228	253048	33.20	ng		98
81) 3,3'-Dichlorobenzidine	18.26	252	87685	32.36	ng	#	96
82) Chrysene	18.32	228	246827	32.41	ng		98
83) Bis(2-ethylhexyl)phthalate	18.36	149	199766	33.15	ng	#	98
84) Di-n-octyl phthalate	19.13	149	323104	32.54	ng		97
85) Indeno(1,2,3-cd)pyrene	21.11	276	242517	37.21	ng		100
87) Benzo(b)fluoranthene	19.55	252	243416	28.63	ng		98
88) Benzo(k)fluoranthene	19.58	252	262791m	32.33	ng		
89) Benzo(a)pyrene	19.90	252	247341	31.65	ng		99
90) Dibenzo(a,h)anthracene	21.11	278	206878	31.21	ng		97
91) Benzo(g,h,i)perylene	21.44	276	196023	29.00	ng		95

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

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