Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099159.D
Acq On : 6 Oct 2017 20:43
Operator : SJ/JU
Sample : I5571-06MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAMT-COMP-C-DMS

Quant Time: Oct 06 22:59:03 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	142216	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	588561	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	264226	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	471644	20.00	ng		0.00
75) Chrysene-d12	14.03	240	310959	20.00	ng		0.00
86) Perylene-d12	15.50	264	241530	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	212014	23.73	ng		0.00
7) Phenol-d6	6.49	99	166230	15.08	ng		-0.01
23) Nitrobenzene-d5	7.43	82	481653	52.48	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	102341	47.33	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	881326	55.68	ng		0.00
78) Terphenyl-d14	12.97	244	659100	48.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	41832	9.80	ng		98
3) Pyridine	3.46	79	117890	10.21	ng		94
4) n-Nitrosodimethylamine	3.39	42	45779	9.35	ng		90
6) Aniline	6.52	93	192571	12.95	ng		99
8) 2-Chlorophenol	6.65	128	131520	13.00	ng		97
9) Benzaldehyde	6.42	77	125053	19.56	ng		95
10) Phenol	6.50	94	81278	6.59	ng		96
11) bis(2-Chloroethyl)ether	6.59	93	235197	24.55	ng		99
12) 1,3-Dichlorobenzene	6.80	146	239060	22.56	ng		98
13) 1,4-Dichlorobenzene	6.88	146	244619	22.69	ng		98
14) 1,2-Dichlorobenzene	7.03	146	230943	23.19	ng		98
15) Benzyl Alcohol	7.00	79	130788	16.18	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	348099	23.32	ng		97
17) 2-Methylphenol	7.12	107	90223	10.90	ng		98
18) Hexachloroethane	7.37	117	82014	21.17	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	167829	23.85	ng		97
20) 3+4-Methylphenols	7.26	107	101884	9.73	ng	#	47
22) Acetophenone	7.27	105	347419	24.36	ng	#	97
24) Nitrobenzene	7.45	77	289879	27.84	ng		98
25) Isophorone	7.68	82	462639	24.38	ng		99
26) 2-Nitrophenol	7.76	139	80621	16.10	ng	#	88
27) 2,4-Dimethylphenol	7.79	122	119154	12.60	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	302631	25.59	ng		98
29) 2,4-Dichlorophenol	8.00	162	118338	14.58	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	192096	23.66	ng		98
31) Naphthalene	8.17	128	676626	24.48	ng		100
33) 4-Chloroaniline	8.22	127	187071	16.21	ng		96
34) Hexachlorobutadiene	8.28	225	89506	21.40	ng		98
35) Caprolactam	8.56	113	11491	4.41	ng		91
36) 4-Chloro-3-methylphenol	8.69	107	119791	13.13	ng		98
37) 2-Methylnaphthalene	8.86	142	479565	26.69	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	188971	23.98	ng		100
40) Hexachlorocyclopentadiene	9.01	237	107111	29.74	ng		98
42) 2,4,6-Trichlorophenol	9.13	196	79753	14.29	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	84647	15.19	ng		95
45) 1,1'-Biphenyl	9.32	154	560391	24.68	ng		99
46) 2-Chloronaphthalene	9.35	162	440228	25.82	ng		99
47) 2-Nitroaniline	9.45	65	108724	20.83	ng		87
48) Acenaphthylene	9.76	152	682115	26.13	ng		100
49) Dimethylphthalate	9.62	163	664635	33.33	ng		100
50) 2,6-Dinitrotoluene	9.69	165	115747	26.66	ng		91
51) Acenaphthene	9.93	154	407304	24.63	ng		98
52) 3-Nitroaniline	9.85	138	94154	18.60	ng		96
53) 2,4-Dinitrophenol	9.96	184	28665	17.59	ng		99
54) Dibenzofuran	10.10	168	611829	27.79	ng		99
55) 4-Nitrophenol	10.01	139	40439	9.45	ng		87
56) 2,4-Dinitrotoluene	10.09	165	156633	27.80	ng		95
57) Fluorene	10.45	166	478272	27.03	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	62231	16.17	ng		98
59) Diethylphthalate	10.32	149	501262	25.72	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	210236	26.45	ng		96
61) 4-Nitroaniline	10.46	138	78144	16.00	ng		92
62) Azobenzene	10.60	77	482589	26.93	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	29925	10.43	ng		80
65) n-Nitrosodiphenylamine	10.56	169	390659	23.91	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	123340	26.72	ng		99
67) Hexachlorobenzene	11.00	284	123916	25.13	ng		94
68) Atrazine	11.08	200	135118	27.49	ng		99
69) Pentachlorophenol	11.19	266	61633	20.08	ng		99
70) Phenanthrene	11.42	178	694655	27.52	ng		98
71) Anthracene	11.46	178	706855	27.36	ng		100
72) Carbazole	11.62	167	669286	26.46	ng		98
73) Di-n-butylphthalate	11.94	149	804189	26.41	ng		99
74) Fluoranthene	12.60	202	709763	27.76	ng		99
76) Benzidine	12.72	184	37962	3.30	ng		98
77) Pyrene	12.83	202	712442	30.05	ng		99
79) Butylbenzylphthalate	13.44	149	324604	29.13	ng		97
80) Benzo(a)anthracene	14.02	228	508652	27.01	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	54097	7.84	ng		99
82) Chrysene	14.06	228	486549	27.14	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	436337	28.44	ng	#	99
84) Di-n-octyl phthalate	14.60	149	617157	24.98	ng		96
85) Indeno(1,2,3-cd)pyrene	16.98	276	406856	28.37	ng		96
87) Benzo(b)fluoranthene	15.07	252	389710	26.24	ng		99
88) Benzo(k)fluoranthene	15.10	252	378175	25.78	ng		98
89) Benzo(a)pyrene	15.43	252	363698	26.68	ng	#	95
90) Dibenzo(a,h)anthracene	16.99	278	338520	31.03	ng		97
91) Benzo(g,h,i)perylene	17.43	276	354450	32.87	ng		95

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

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