Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
Data File : BF097517.D
Acq On : 9 Aug 2017 15:59
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/10/2017 6:07:28 PM

Quant Time: Aug 09 17:53:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	70816	20.00	ng		-0.01
21) Naphthalene-d8	7.68	136	326041	20.00	ng		-0.02
38) Acenaphthene-d10	9.43	164	145992	20.00	ng		-0.01
63) Phenanthrene-d10	10.90	188	219082	20.00	ng		-0.02
75) Chrysene-d12	13.52	240	127746	20.00	ng		-0.02
86) Perylene-d12	14.86	264	126984	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.99	112	453793	96.60	ng		-0.02
7) Phenol-d6	6.07	99	493505	92.02	ng		-0.01
23) Nitrobenzene-d5	6.97	82	403702	72.64	ng		-0.02
41) 2,4,6-Tribromophenol	10.22	330	87895	76.20	ng		-0.02
44) 2-Fluorobiphenyl	8.76	172	703683	81.80	ng		-0.01
78) Terphenyl-d14	12.48	244	590604	94.26	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.85	88	69720	35.565	ng	#	73
3) Pyridine	2.45	79	259691	43.261	ng	#	63
4) n-Nitrosodimethylamine	2.40	42	142906	42.972	ng		79
6) Aniline	6.06	93	321670	47.665	ng		97
8) 2-Chlorophenol	6.19	128	223523	44.499	ng		96
9) Benzaldehyde	5.95	77	153626	48.396	ng		99
10) Phenol	6.09	94	297701	46.800	ng		97
11) bis(2-Chloroethyl)ether	6.15	93	217580	43.247	ng		90
12) 1,3-Dichlorobenzene	6.33	146	228169	42.151	ng		98
13) 1,4-Dichlorobenzene	6.42	146	229034	42.694	ng		96
14) 1,2-Dichlorobenzene	6.57	146	204955	43.756	ng		97
15) Benzyl Alcohol	6.57	79	162674	47.910	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.69	45	414154	41.042	ng		56
17) 2-Methylphenol	6.69	107	165227	42.620	ng	#	86
18) Hexachloroethane	6.90	117	79864	40.693	ng	#	84
19) n-Nitroso-di-n-propylamine	6.83	70	147341	41.739	ng	#	80
20) 3+4-Methylphenols	6.85	107	221953	43.836	ng	#	59
22) Acetophenone	6.82	105	284094	36.284	ng	#	98
24) Nitrobenzene	6.99	77	222411	38.424	ng		96
25) Isophorone	7.24	82	387916	35.640	ng		96
26) 2-Nitrophenol	7.31	139	117997	37.680	ng	#	84
27) 2,4-Dimethylphenol	7.37	122	188591	36.507	ng		95
28) bis(2-Chloroethoxy)methane	7.45	93	293017	41.254	ng		99
29) 2,4-Dichlorophenol	7.57	162	198387	44.579	ng		96
30) 1,2,4-Trichlorobenzene	7.63	180	169488	39.956	ng		96
31) Naphthalene	7.70	128	636345	41.404	ng		99
32) Benzoic acid	7.55	122	146087	37.872	ng		97
33) 4-Chloroaniline	7.77	127	249338	39.871	ng		99
34) Hexachlorobutadiene	7.83	225	86106	38.290	ng		97
35) Caprolactam	8.15	113	56983m	39.932	ng		
36) 4-Chloro-3-methylphenol	8.28	107	189584	39.048	ng		89
37) 2-Methylnaphthalene	8.40	142	373445	38.377	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	164833	42.314	ng		99
40) Hexachlorocyclopentadiene	8.55	237	39188	32.990	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.69	196	110195	39.036	ng		95
43) 2,4,5-Trichlorophenol	8.75	196	110947	39.266	ng		98
45) 1,1'-Biphenyl	8.86	154	522563	41.906	ng		98
46) 2-Chloronaphthalene	8.88	162	378962	41.298	ng	#	92
47) 2-Nitroaniline	8.99	65	147713	44.355	ng		98
48) Acenaphthylene	9.29	152	581206	41.264	ng		100
49) Dimethylphthalate	9.17	163	442689	39.931	ng		99
50) 2,6-Dinitrotoluene	9.24	165	97323	41.390	ng	#	84
51) Acenaphthene	9.46	154	342737	41.311	ng		99
52) 3-Nitroaniline	9.40	138	120899	41.424	ng		96
53) 2,4-Dinitrophenol	9.53	184	50788	47.505	ng	#	72
54) Dibenzofuran	9.63	168	478685	43.317	ng		96
55) 4-Nitrophenol	9.61	139	51798m	29.844	ng		
56) 2,4-Dinitrotoluene	9.65	165	127706	47.245	ng	#	67
57) Fluorene	9.97	166	348744	41.988	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.77	232	73421	37.634	ng	#	97
59) Diethylphthalate	9.87	149	403497	39.671	ng		99
60) 4-Chlorophenyl-phenylether	9.97	204	142302	41.490	ng		98
61) 4-Nitroaniline	10.02	138	98932	35.674	ng		92
62) Azobenzene	10.13	77	363675	38.543	ng		92
64) 4,6-Dinitro-2-methylphenol	10.06	198	56247	41.317	ng		89
65) n-Nitrosodiphenylamine	10.09	169	319391	41.900	ng		98
66) 4-Bromophenyl-phenylether	10.45	248	95663	43.754	ng		94
67) Hexachlorobenzene	10.52	284	109946	44.843	ng	#	85
68) Atrazine	10.63	200	88736	40.596	ng		94
69) Pentachlorophenol	10.73	266	62134	61.249	ng		99
70) Phenanthrene	10.93	178	482369	41.093	ng		99
71) Anthracene	10.97	178	496439	41.292	ng		98
72) Carbazole	11.14	167	509718	43.108	ng		99
73) Di-n-butylphthalate	11.48	149	589638	40.342	ng		99
74) Fluoranthene	12.10	202	490713	42.672	ng		98
76) Benzidine	12.24	184	131172	27.673	ng	#	93
77) Pyrene	12.33	202	493559	47.194	ng		99
79) Butylbenzylphthalate	12.96	149	220371	41.425	ng	#	84
80) Benzo(a)anthracene	13.52	228	321162	38.855	ng		99
81) 3,3'-Dichlorobenzidine	13.48	252	117114	37.572	ng	#	98
82) Chrysene	13.55	228	314916	39.017	ng		98
83) Bis(2-ethylhexyl)phthalate	13.53	149	249081	35.861	ng		98
84) Di-n-octyl phthalate	14.13	149	396602	31.115	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.05	276	328616	47.482	ng		99
87) Benzo(b)fluoranthene	14.52	252	290048	37.998	ng		99
88) Benzo(k)fluoranthene	14.54	252	271972	37.390	ng		97
89) Benzo(a)pyrene	14.82	252	266925	38.208	ng		99
90) Dibenzo(a,h)anthracene	16.05	278	264691	46.202	ng		98
91) Benzo(g,h,i)perylene	16.40	276	293666	48.881	ng		98

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

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