Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF062817\
Data File : BF096269.D
Acq On : 29 Jun 2017 1:17
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/29/2017 5:59:48 PM

Quant Time: Jun 29 05:36:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	137573	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	536866	20.00	ng		0.01
38) Acenaphthene-d10	9.82	164	205824	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	334236	20.00	ng		0.01
75) Chrysene-d12	13.93	240	296080	20.00	ng		0.02
86) Perylene-d12	15.36	264	233343	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	840586	88.03	ng		0.01
7) Phenol-d6	6.42	99	981340	84.87	ng		0.02
23) Nitrobenzene-d5	7.35	82	743368	95.85	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	179690	110.93	ng		0.01
44) 2-Fluorobiphenyl	9.15	172	1114626	99.18	ng		0.00
78) Terphenyl-d14	12.88	244	934853	78.79	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	204017	44.79	ng	#	78
3) Pyridine	3.19	79	556345	44.53	ng	#	72
4) n-Nitrosodimethylamine	3.12	42	266097	43.06	ng		93
6) Aniline	6.45	93	658004	41.28	ng		99
8) 2-Chlorophenol	6.57	128	399661	42.65	ng		93
9) Benzaldehyde	6.33	77	307892	45.54	ng		95
10) Phenol	6.43	94	543988	42.80	ng		93
11) bis(2-Chloroethyl)ether	6.52	93	435381	41.86	ng		94
12) 1,3-Dichlorobenzene	6.73	146	429283	41.57	ng		99
13) 1,4-Dichlorobenzene	6.80	146	436184	42.08	ng		96
14) 1,2-Dichlorobenzene	6.96	146	401898	42.56	ng		98
15) Benzyl Alcohol	6.92	79	316853	40.61	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	879732	40.04	ng		91
17) 2-Methylphenol	7.04	107	328551	40.43	ng		96
18) Hexachloroethane	7.30	117	118722	31.76	ng	#	76
19) n-Nitroso-di-n-propylamine	7.20	70	268205	38.72	ng	#	85
20) 3+4-Methylphenols	7.19	107	380260	41.03	ng		90
22) Acetophenone	7.19	105	482357	43.23	ng	#	92
24) Nitrobenzene	7.36	77	414386	48.25	ng		96
25) Isophorone	7.60	82	707381	40.16	ng		97
26) 2-Nitrophenol	7.68	139	155331	40.41	ng	#	87
27) 2,4-Dimethylphenol	7.72	122	330828	41.57	ng		95
28) bis(2-Chloroethoxy)methane	7.82	93	500513	41.95	ng		98
29) 2,4-Dichlorophenol	7.92	162	284478	41.91	ng		95
30) 1,2,4-Trichlorobenzene	8.01	180	282152	41.89	ng		98
31) Naphthalene	8.09	128	1071557	41.41	ng		99
32) Benzoic acid	7.81	122	180358	34.95	ng		92
33) 4-Chloroaniline	8.13	127	437626	40.86	ng		97
34) Hexachlorobutadiene	8.22	225	146103	43.72	ng		98
35) Caprolactam	8.49	113	94531	40.30	ng	#	69
36) 4-Chloro-3-methylphenol	8.61	107	291877	39.52	ng		87
37) 2-Methylnaphthalene	8.78	142	663059	39.45	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	237385	47.65	ng		98
40) Hexachlorocyclopentadiene	8.94	237	10545	4.72	ng		87

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	161779	43.07	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	172980	43.70	ng		99
45) 1,1'-Biphenyl	9.25	154	718183	45.48	ng		96
46) 2-Chloronaphthalene	9.26	162	559484	42.71	ng	#	92
47) 2-Nitroaniline	9.35	65	219396	53.03	ng		97
48) Acenaphthylene	9.68	152	917693	42.22	ng		99
49) Dimethylphthalate	9.54	163	641538	43.55	ng		99
50) 2,6-Dinitrotoluene	9.60	165	128786	42.03	ng	#	90
51) Acenaphthene	9.85	154	521421	40.76	ng		100
52) 3-Nitroaniline	9.76	138	195304	49.77	ng		95
53) 2,4-Dinitrophenol	9.86	184	2754	10.32	ng	#	1
54) Dibenzofuran	10.02	168	730262	43.72	ng		99
55) 4-Nitrophenol	9.92	139	131963	41.59	ng	#	67
56) 2,4-Dinitrotoluene	10.00	165	154850	40.10	ng	#	85
57) Fluorene	10.36	166	543633	49.25	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	118175	42.73	ng		99
59) Diethylphthalate	10.24	149	631035	42.66	ng		100
60) 4-Chlorophenyl-phenylether	10.36	204	228164	49.38	ng		96
61) 4-Nitroaniline	10.37	138	170975	50.09	ng		90
62) Azobenzene	10.52	77	618068	41.44	ng		95
64) 4,6-Dinitro-2-methylphenol	10.40	198	6132	11.61	ng	#	86
65) n-Nitrosodiphenylamine	10.47	169	500517	41.64	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	144282	41.95	ng		98
67) Hexachlorobenzene	10.92	284	160735	45.46	ng	#	93
68) Atrazine	11.00	200	122075	38.49	ng		95
69) Pentachlorophenol	11.10	266	93184	46.17	ng		97
70) Phenanthrene	11.32	178	795131	47.94	ng		99
71) Anthracene	11.37	178	820487	43.93	ng		99
72) Carbazole	11.53	167	886781	43.01	ng		97
73) Di-n-butylphthalate	11.86	149	984972	45.24	ng		100
74) Fluoranthene	12.51	202	837633	45.11	ng		97
76) Benzidine	12.63	184	516766	46.55	ng	#	93
77) Pyrene	12.73	202	873817	35.91	ng		99
79) Butylbenzylphthalate	13.36	149	447182	40.11	ng	#	79
80) Benzo(a)anthracene	13.92	228	679778	37.66	ng		98
81) 3,3'-Dichlorobenzidine	13.88	252	304231	44.27	ng	#	96
82) Chrysene	13.96	228	702384	37.63	ng		100
83) Bis(2-ethylhexyl)phthalate	13.92	149	548189	45.24	ng	#	99
84) Di-n-octyl phthalate	14.53	149	1118188	44.80	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.76	276	537303	34.68	ng		99
87) Benzo(b)fluoranthene	14.94	252	640649m	41.79	ng		
88) Benzo(k)fluoranthene	14.97	252	554729	39.64	ng		98
89) Benzo(a)pyrene	15.30	252	538630	39.78	ng		97
90) Dibenzo(a,h)anthracene	16.77	278	455556	42.97	ng		98
91) Benzo(g,h,i)perylene	17.17	276	450912	40.92	ng		99

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

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