Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
Data File : BF096043.D
Acq On : 20 Jun 2017 14:02
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/21/2017 2:16:12 PM

Quant Time: Jun 20 16:09:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	71271	20.00	ng		0.00
21) Naphthalene-d8	9.33	136	293466	20.00	ng		0.00
38) Acenaphthene-d10	12.15	164	137321	20.00	ng		0.00
63) Phenanthrene-d10	14.54	188	252253	20.00	ng		0.00
75) Chrysene-d12	18.27	240	203904	20.00	ng		0.00
86) Perylene-d12	19.94	264	162173	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	377040	84.30	ng		0.00
7) Phenol-d6	6.87	99	439485	82.08	ng		0.00
23) Nitrobenzene-d5	8.22	82	392860	83.14	ng		0.00
41) 2,4,6-Tribromophenol	13.45	330	98704	81.24	ng		0.00
44) 2-Fluorobiphenyl	11.11	172	769619	77.99	ng		0.00
78) Terphenyl-d14	16.93	244	665524	81.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.61	88	100658	47.31	ng	#	77
3) Pyridine	2.13	79	200484	40.09	ng		99
4) n-Nitrosodimethylamine	2.12	42	74945	39.42	ng	#	78
6) Aniline	6.79	93	287742	41.08	ng		95
8) 2-Chlorophenol	6.98	128	198292	41.70	ng		95
9) Benzaldehyde	6.60	77	133631	37.00	ng		99
10) Phenol	6.89	94	238578	42.95	ng		89
11) bis(2-Chloroethyl)ether	6.94	93	189812	43.14	ng		96
12) 1,3-Dichlorobenzene	7.19	146	218960	40.68	ng		97
13) 1,4-Dichlorobenzene	7.32	146	225273	41.27	ng		97
14) 1,2-Dichlorobenzene	7.55	146	212850	42.30	ng		97
15) Benzyl Alcohol	7.61	79	156166	42.49	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.80	45	255382	41.31	ng		96
17) 2-Methylphenol	7.84	107	167627	42.00	ng		98
18) Hexachloroethane	8.07	117	78507	43.54	ng	#	85
19) n-Nitroso-di-n-propylamine	8.03	70	145007	42.73	ng		93
20) 3+4-Methylphenols	8.10	107	218625	43.15	ng	#	59
22) Acetophenone	7.99	105	281510	40.98	ng	#	84
24) Nitrobenzene	8.25	77	210595	41.72	ng		93
25) Isophorone	8.65	82	360108	40.81	ng		97
26) 2-Nitrophenol	8.76	139	112781	42.67	ng		96
27) 2,4-Dimethylphenol	8.92	122	172356	42.02	ng		98
28) bis(2-Chloroethoxy)methane	9.03	93	239843	41.24	ng		99
29) 2,4-Dichlorophenol	9.20	162	161866	40.97	ng		98
30) 1,2,4-Trichlorobenzene	9.26	180	169232	41.17	ng		99
31) Naphthalene	9.36	128	600691	40.79	ng		99
32) Benzoic acid	9.30	122	84872	34.69	ng		88
33) 4-Chloroaniline	9.52	127	241645	41.98	ng	#	93
34) Hexachlorobutadiene	9.58	225	88131	41.49	ng		98
35) Caprolactam	10.16	113	52758	44.88	ng	#	82
36) 4-Chloro-3-methylphenol	10.40	107	175643	42.47	ng		91
37) 2-Methylnaphthalene	10.49	142	414296	41.63	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.77	216	165178	40.19	ng		98
40) Hexachlorocyclopentadiene	10.74	237	36213	35.40	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.00	196	104462	39.53	ng		98
43) 2,4,5-Trichlorophenol	11.10	196	108803	38.71	ng		95
45) 1,1'-Biphenyl	11.26	154	453264	40.05	ng		98
46) 2-Chloronaphthalene	11.27	162	349905	39.57	ng		94
47) 2-Nitroaniline	11.50	65	107960	41.72	ng		85
48) Acenaphthylene	11.92	152	583362	38.58	ng		99
49) Dimethylphthalate	11.82	163	407736	39.11	ng		99
50) 2,6-Dinitrotoluene	11.92	165	88405	38.87	ng	#	72
51) Acenaphthene	12.20	154	349693	40.04	ng		99
52) 3-Nitroaniline	12.18	138	109997	41.51	ng		87
53) 2,4-Dinitrophenol	12.42	184	46144m	39.41	ng		
54) Dibenzofuran	12.49	168	496024	40.36	ng		98
55) 4-Nitrophenol	12.63	139	46830m	33.15	ng		
56) 2,4-Dinitrotoluene	12.59	165	132117	43.01	ng	#	92
57) Fluorene	13.04	166	431478	40.34	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.74	232	74572	38.78	ng	#	86
59) Diethylphthalate	12.96	149	406921	40.55	ng		99
60) 4-Chlorophenyl-phenylether	13.07	204	187782	40.37	ng		91
61) 4-Nitroaniline	13.19	138	104289	42.16	ng		97
62) Azobenzene	13.33	77	363606	39.98	ng		95
64) 4,6-Dinitro-2-methylphenol	13.26	198	63726	38.43	ng		78
65) n-Nitrosodiphenylamine	13.29	169	349233	38.53	ng		99
66) 4-Bromophenyl-phenylether	13.85	248	106225	40.52	ng		94
67) Hexachlorobenzene	13.94	284	104975	40.64	ng	#	91
68) Atrazine	14.22	200	104925	41.59	ng		97
69) Pentachlorophenol	14.32	266	29119m	33.88	ng		
70) Phenanthrene	14.58	178	577692	39.69	ng		98
71) Anthracene	14.67	178	603071	39.69	ng		98
72) Carbazole	14.97	167	619220	41.82	ng		97
73) Di-n-butylphthalate	15.56	149	655073	41.58	ng	#	97
74) Fluoranthene	16.37	202	596879	41.43	ng		99
76) Benzidine	16.60	184	337307	43.07	ng	#	94
77) Pyrene	16.67	202	615341	40.44	ng		99
79) Butylbenzylphthalate	17.59	149	270818	40.76	ng	#	85
80) Benzo(a)anthracene	18.26	228	481791	40.64	ng		98
81) 3,3'-Dichlorobenzidine	18.25	252	173761	41.23	ng	#	95
82) Chrysene	18.31	228	473812	39.99	ng		99
83) Bis(2-ethylhexyl)phthalate	18.34	149	368241	39.29	ng	#	99
84) Di-n-octyl phthalate	19.11	149	581906	37.68	ng	#	95
85) Indeno(1,2,3-cd)pyrene	21.10	276	332191	32.77	ng		100
87) Benzo(b)fluoranthene	19.54	252	413278	40.70	ng		98
88) Benzo(k)fluoranthene	19.57	252	403694	41.59	ng	#	94
89) Benzo(a)pyrene	19.89	252	380919	40.81	ng		98
90) Dibenzo(a,h)anthracene	21.10	278	280577	35.44	ng		99
91) Benzo(g,h,i)perylene	21.42	276	284921	35.30	ng		98

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

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