Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096081.D
Acq On : 21 Jun 2017 13:14
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/22/2017 5:34:17 PM

Quant Time: Jun 21 16:19:23 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	113776	20.00	ng		0.00
21) Naphthalene-d8	9.33	136	407179	20.00	ng		0.00
38) Acenaphthene-d10	12.15	164	181285	20.00	ng		0.00
63) Phenanthrene-d10	14.54	188	323225	20.00	ng		0.00
75) Chrysene-d12	18.27	240	255200	20.00	ng		0.00
86) Perylene-d12	19.94	264	199299	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	600413	84.09	ng		0.00
7) Phenol-d6	6.87	99	694274	81.22	ng		0.00
23) Nitrobenzene-d5	8.23	82	615757	93.92	ng		0.00
41) 2,4,6-Tribromophenol	13.45	330	130677	81.47	ng		0.00
44) 2-Fluorobiphenyl	11.11	172	1009900	77.52	ng		0.00
78) Terphenyl-d14	16.93	244	833270	81.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.61	88	131225	38.63	ng		89
3) Pyridine	2.14	79	289381	36.25	ng		97
4) n-Nitrosodimethylamine	2.12	42	119775	39.46	ng		84
6) Aniline	6.79	93	465327	41.61	ng		96
8) 2-Chlorophenol	6.98	128	314153	41.38	ng		97
9) Benzaldehyde	6.60	77	211016	36.60	ng		96
10) Phenol	6.89	94	379780	42.83	ng		91
11) bis(2-Chloroethyl)ether	6.95	93	290786	41.40	ng		96
12) 1,3-Dichlorobenzene	7.19	146	348076	40.51	ng		96
13) 1,4-Dichlorobenzene	7.32	146	356177	40.87	ng		97
14) 1,2-Dichlorobenzene	7.55	146	335057	41.71	ng		97
15) Benzyl Alcohol	7.61	79	252726	43.08	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.80	45	407422	41.28	ng		97
17) 2-Methylphenol	7.84	107	270860	42.51	ng		98
18) Hexachloroethane	8.07	117	122125	42.43	ng	#	86
19) n-Nitroso-di-n-propylamine	8.04	70	225463	41.62	ng		95
20) 3+4-Methylphenols	8.10	107	353545	43.71	ng	#	57
22) Acetophenone	8.00	105	443070	46.49	ng	#	84
24) Nitrobenzene	8.25	77	328487	46.90	ng		94
25) Isophorone	8.66	82	555777	45.40	ng		97
26) 2-Nitrophenol	8.76	139	173961	47.43	ng		97
27) 2,4-Dimethylphenol	8.92	122	236712	41.59	ng		99
28) bis(2-Chloroethoxy)methane	9.03	93	329870	40.88	ng		98
29) 2,4-Dichlorophenol	9.20	162	223079	40.70	ng		97
30) 1,2,4-Trichlorobenzene	9.26	180	229732	40.28	ng		98
31) Naphthalene	9.36	128	817141	39.99	ng		100
32) Benzoic acid	9.32	122	116251	34.32	ng		94
33) 4-Chloroaniline	9.52	127	333616	41.77	ng	#	94
34) Hexachlorobutadiene	9.58	225	121631	41.27	ng		98
35) Caprolactam	10.18	113	69308	42.49	ng	#	85
36) 4-Chloro-3-methylphenol	10.40	107	234141	40.81	ng		91
37) 2-Methylnaphthalene	10.49	142	553369	40.08	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.77	216	222754	41.06	ng		98
40) Hexachlorocyclopentadiene	10.74	237	50139	36.58	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.01	196	138209	39.62	ng		95
43) 2,4,5-Trichlorophenol	11.10	196	141113	38.03	ng		95
45) 1,1'-Biphenyl	11.26	154	599760	40.14	ng		98
46) 2-Chloronaphthalene	11.27	162	462733	39.64	ng	#	93
47) 2-Nitroaniline	11.50	65	139701	40.89	ng	#	81
48) Acenaphthylene	11.92	152	749117	37.53	ng		99
49) Dimethylphthalate	11.82	163	531583	38.62	ng		99
50) 2,6-Dinitrotoluene	11.92	165	113349	37.75	ng	#	68
51) Acenaphthene	12.20	154	455146	39.48	ng		99
52) 3-Nitroaniline	12.19	138	142984	40.88	ng		85
53) 2,4-Dinitrophenol	12.43	184	57251	37.43	ng	#	68
54) Dibenzofuran	12.49	168	642635	39.60	ng		98
55) 4-Nitrophenol	12.63	139	64451m	34.36	ng		
56) 2,4-Dinitrotoluene	12.59	165	169785	41.87	ng		92
57) Fluorene	13.04	166	560224	39.67	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.74	232	96539	38.03	ng	#	92
59) Diethylphthalate	12.96	149	521764	39.39	ng		99
60) 4-Chlorophenyl-phenylether	13.07	204	243927	39.72	ng		93
61) 4-Nitroaniline	13.19	138	130529	39.97	ng		95
62) Azobenzene	13.33	77	468959	39.06	ng		95
64) 4,6-Dinitro-2-methylphenol	13.26	198	80796	38.03	ng		79
65) n-Nitrosodiphenylamine	13.29	169	450839	38.82	ng		99
66) 4-Bromophenyl-phenylether	13.85	248	135474	40.33	ng		97
67) Hexachlorobenzene	13.94	284	136231	41.16	ng	#	90
68) Atrazine	14.22	200	131113	40.56	ng		96
69) Pentachlorophenol	14.32	266	40942m	36.53	ng		
70) Phenanthrene	14.58	178	742895	39.83	ng		98
71) Anthracene	14.67	178	773823	39.74	ng		97
72) Carbazole	14.97	167	791579	41.72	ng		98
73) Di-n-butylphthalate	15.56	149	818337	40.54	ng		99
74) Fluoranthene	16.37	202	757567	41.04	ng		99
76) Benzidine	16.60	184	391876	39.98	ng	#	94
77) Pyrene	16.67	202	770855	40.48	ng		100
79) Butylbenzylphthalate	17.59	149	338515	40.71	ng	#	84
80) Benzo(a)anthracene	18.26	228	598637	40.35	ng		98
81) 3,3'-Dichlorobenzidine	18.25	252	212068	40.20	ng	#	96
82) Chrysene	18.31	228	589975	39.79	ng		99
83) Bis(2-ethylhexyl)phthalate	18.34	149	471169	40.16	ng	#	98
84) Di-n-octyl phthalate	19.12	149	733268	37.93	ng		96
85) Indeno(1,2,3-cd)pyrene	21.10	276	431821	34.04	ng		99
87) Benzo(b)fluoranthene	19.54	252	517669	41.48	ng		98
88) Benzo(k)fluoranthene	19.57	252	498507	41.79	ng	#	95
89) Benzo(a)pyrene	19.89	252	470703	41.04	ng		99
90) Dibenzo(a,h)anthracene	21.10	278	368771	37.90	ng		98
91) Benzo(g,h,i)perylene	21.42	276	382686	38.58	ng		98

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

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