Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
Data File : BF096180.D
Acq On : 24 Jun 2017 9:36
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/29/2017 3:44:09 PM

Quant Time: Jun 26 01:37:13 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	7.26	152	70869	20.00	ng		-0.03
21) Naphthalene-d8	9.30	136	299834	20.00	ng		-0.03
38) Acenaphthene-d10	12.12	164	141306	20.00	ng		-0.04
63) Phenanthrene-d10	14.51	188	254444	20.00	ng		-0.03
75) Chrysene-d12	18.26	240	210836	20.00	ng		-0.02
86) Perylene-d12	19.93	264	181485	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	376950	84.76	ng		-0.04
7) Phenol-d6	6.85	99	436987	82.07	ng		-0.03
23) Nitrobenzene-d5	8.19	82	392622	81.32	ng		-0.03
41) 2,4,6-Tribromophenol	13.42	330	101528	81.21	ng		-0.03
44) 2-Fluorobiphenyl	11.08	172	783350	77.14	ng		-0.03
78) Terphenyl-d14	16.90	244	683198	80.42	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.58	88	87934	41.56	ng		87
3) Pyridine	2.10	79	198139	39.85	ng		98
4) n-Nitrosodimethylamine	2.08	42	75659	40.02	ng		81
6) Aniline	6.76	93	292137	41.94	ng		94
8) 2-Chlorophenol	6.95	128	199824	42.26	ng		96
9) Benzaldehyde	6.57	77	131621	36.65	ng		99
10) Phenol	6.86	94	241702	43.76	ng		91
11) bis(2-Chloroethyl)ether	6.91	93	188793	43.15	ng		97
12) 1,3-Dichlorobenzene	7.16	146	220787	41.25	ng		96
13) 1,4-Dichlorobenzene	7.29	146	231505	42.65	ng		95
14) 1,2-Dichlorobenzene	7.52	146	214656	42.90	ng		96
15) Benzyl Alcohol	7.58	79	156741	42.89	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.76	45	256433	41.71	ng		98
17) 2-Methylphenol	7.82	107	165270	41.65	ng		97
18) Hexachloroethane	8.03	117	77351	43.15	ng	#	85
19) n-Nitroso-di-n-propylamine	8.01	70	144511	42.83	ng		93
20) 3+4-Methylphenols	8.08	107	230593	45.77	ng	#	59
22) Acetophenone	7.96	105	284191	40.50	ng	#	83
24) Nitrobenzene	8.22	77	206414	40.02	ng		93
25) Isophorone	8.62	82	359721	39.90	ng		97
26) 2-Nitrophenol	8.73	139	111905	41.44	ng		97
27) 2,4-Dimethylphenol	8.89	122	171982	41.04	ng		98
28) bis(2-Chloroethoxy)methane	9.00	93	243814	41.03	ng		98
29) 2,4-Dichlorophenol	9.17	162	157806	39.10	ng		97
30) 1,2,4-Trichlorobenzene	9.23	180	168704	40.17	ng		99
31) Naphthalene	9.33	128	608834	40.46	ng		100
32) Benzoic acid	9.28	122	80297	32.51	ng		93
33) 4-Chloroaniline	9.49	127	245897	41.81	ng	#	92
34) Hexachlorobutadiene	9.55	225	86897	40.04	ng		98
35) Caprolactam	10.14	113	52882	44.03	ng		86
36) 4-Chloro-3-methylphenol	10.38	107	173498	41.06	ng		89
37) 2-Methylnaphthalene	10.46	142	423238	41.63	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.74	216	167286	39.56	ng		98
40) Hexachlorocyclopentadiene	10.71	237	36710	35.04	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.98	196	105169	38.68	ng		96
43) 2,4,5-Trichlorophenol	11.08	196	102852	35.56	ng		96
45) 1,1'-Biphenyl	11.23	154	458290	39.35	ng		97
46) 2-Chloronaphthalene	11.24	162	354745	38.98	ng		94
47) 2-Nitroaniline	11.47	65	104477	39.23	ng	#	79
48) Acenaphthylene	11.89	152	581980	37.40	ng		97
49) Dimethylphthalate	11.79	163	417926	38.95	ng		99
50) 2,6-Dinitrotoluene	11.89	165	88686	37.90	ng	#	65
51) Acenaphthene	12.17	154	350376	38.99	ng		98
52) 3-Nitroaniline	12.16	138	108979	39.97	ng		94
53) 2,4-Dinitrophenol	12.41	184	38809m	33.39	ng		
54) Dibenzofuran	12.46	168	495850	39.20	ng		98
55) 4-Nitrophenol	12.63	139	47740m	32.88	ng		
56) 2,4-Dinitrotoluene	12.57	165	133085	42.10	ng		95
57) Fluorene	13.02	166	439182	39.90	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.72	232	71127	35.94	ng	#	91
59) Diethylphthalate	12.93	149	416157	40.30	ng		99
60) 4-Chlorophenyl-phenylether	13.04	204	189620	39.61	ng		91
61) 4-Nitroaniline	13.16	138	104410	41.01	ng		96
62) Azobenzene	13.30	77	370297	39.57	ng		95
64) 4,6-Dinitro-2-methylphenol	13.24	198	62405	37.31	ng	#	63
65) n-Nitrosodiphenylamine	13.26	169	357994	39.16	ng		99
66) 4-Bromophenyl-phenylether	13.82	248	107566	40.68	ng		96
67) Hexachlorobenzene	13.91	284	107029	41.07	ng	#	91
68) Atrazine	14.19	200	97946	38.49	ng		97
69) Pentachlorophenol	14.29	266	27826m	32.44	ng		
70) Phenanthrene	14.55	178	590850	40.25	ng		99
71) Anthracene	14.64	178	621656	40.56	ng		98
72) Carbazole	14.94	167	621293	41.60	ng		98
73) Di-n-butylphthalate	15.53	149	674594	42.45	ng		97
74) Fluoranthene	16.34	202	615610	42.37	ng		99
76) Benzidine	16.58	184	344092	42.49	ng	#	93
77) Pyrene	16.64	202	631591	40.15	ng		99
79) Butylbenzylphthalate	17.57	149	280940	40.89	ng		89
80) Benzo(a)anthracene	18.24	228	495549	40.43	ng		98
81) 3,3'-Dichlorobenzidine	18.23	252	181891	41.74	ng	#	98
82) Chrysene	18.29	228	487442	39.79	ng		100
83) Bis(2-ethylhexyl)phthalate	18.33	149	401295	41.41	ng	#	99
84) Di-n-octyl phthalate	19.09	149	652445	40.85	ng		96
85) Indeno(1,2,3-cd)pyrene	21.08	276	382638	36.51	ng		99
87) Benzo(b)fluoranthene	19.52	252	448307	39.45	ng		98
88) Benzo(k)fluoranthene	19.55	252	446858m	41.14	ng		
89) Benzo(a)pyrene	19.87	252	418405	40.06	ng		98
90) Dibenzo(a,h)anthracene	21.07	278	327833	37.00	ng		97
91) Benzo(g,h,i)perylene	21.40	276	331023	36.65	ng		97

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

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