Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094981.D
Acq On : 8 May 2017 15:28
Operator : SJ/MA
Sample : SSTDCCC040EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
5/9/2017 5:02:21 PM

Quant Time: May 08 16:17:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	99066	20.00	ng		-0.02
21) Naphthalene-d8	9.74	136	411595	20.00	ng		-0.02
38) Acenaphthene-d10	12.57	164	169734	20.00	ng		-0.02
63) Phenanthrene-d10	14.97	188	317959	20.00	ng		-0.02
75) Chrysene-d12	18.65	240	304399	20.00	ng		0.00
86) Perylene-d12	20.31	264	216585	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	498847	83.95	ng		-0.03
7) Phenol-d6	7.25	99	598915	84.01	ng		-0.02
23) Nitrobenzene-d5	8.62	82	510965	78.28	ng		-0.02
41) 2,4,6-Tribromophenol	13.86	330	129497	93.16	ng		-0.02
44) 2-Fluorobiphenyl	11.51	172	1017981	86.32	ng		-0.02
78) Terphenyl-d14	17.30	244	1032216	74.69	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	120706	41.42	ng		93
3) Pyridine	2.73	79	278839	41.28	ng		100
4) n-Nitrosodimethylamine	2.67	42	114008	40.50	ng		79
6) Aniline	7.21	93	378170	42.02	ng		96
8) 2-Chlorophenol	7.40	128	287707	42.54	ng		96
9) Benzaldehyde	7.02	77	175586	40.33	ng		99
10) Phenol	7.27	94	304361	40.51	ng		88
11) bis(2-Chloroethyl)ether	7.35	93	254904	41.10	ng		97
12) 1,3-Dichlorobenzene	7.62	146	314067	40.94	ng		99
13) 1,4-Dichlorobenzene	7.74	146	314487	40.42	ng		97
14) 1,2-Dichlorobenzene	7.98	146	310223	42.72	ng		95
15) Benzyl Alcohol	8.00	79	210924	46.00	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.19	45	357486	40.72	ng		98
17) 2-Methylphenol	8.21	107	235105	42.48	ng	#	92
18) Hexachloroethane	8.50	117	103699	39.35	ng		89
19) n-Nitroso-di-n-propylamine	8.42	70	203035	42.11	ng		95
20) 3+4-Methylphenols	8.47	107	298309	39.66	ng	#	60
22) Acetophenone	8.39	105	408976	41.41	ng	#	84
24) Nitrobenzene	8.65	77	263014	38.44	ng		90
25) Isophorone	9.05	82	479155	41.11	ng		95
26) 2-Nitrophenol	9.15	139	149588	40.52	ng		97
27) 2,4-Dimethylphenol	9.29	122	244345	40.94	ng		99
28) bis(2-Chloroethoxy)methane	9.41	93	331005	41.05	ng		99
29) 2,4-Dichlorophenol	9.57	162	225371	39.99	ng		98
30) 1,2,4-Trichlorobenzene	9.66	180	247239	40.95	ng		99
31) Naphthalene	9.77	128	839031	40.56	ng		100
32) Benzoic acid	9.61	122	150586	39.44	ng		91
33) 4-Chloroaniline	9.90	127	342784	44.46	ng	#	93
34) Hexachlorobutadiene	9.99	225	119523	37.52	ng		98
35) Caprolactam	10.52	113	72317m	42.73	ng		
36) 4-Chloro-3-methylphenol	10.75	107	248712	41.28	ng		89
37) 2-Methylnaphthalene	10.90	142	551280	40.60	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	224288	42.97	ng		99
40) Hexachlorocyclopentadiene	11.15	237	71688	36.25	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	157253	45.12	ng		99
43) 2,4,5-Trichlorophenol	11.47	196	166923	44.56	ng		95
45) 1,1'-Biphenyl	11.66	154	640960	44.85	ng		98
46) 2-Chloronaphthalene	11.68	162	510446	44.24	ng		95
47) 2-Nitroaniline	11.89	65	141538	44.81	ng	#	79
48) Acenaphthylene	12.34	152	715662	39.60	ng		99
49) Dimethylphthalate	12.21	163	612740	43.97	ng		99
50) 2,6-Dinitrotoluene	12.30	165	117660	41.39	ng		94
51) Acenaphthene	12.62	154	428862	39.73	ng		99
52) 3-Nitroaniline	12.57	138	129925	42.58	ng		89
53) 2,4-Dinitrophenol	12.77	184	54029	38.06	ng	#	67
54) Dibenzofuran	12.91	168	614698	41.15	ng		98
55) 4-Nitrophenol	12.96	139	72136	39.36	ng	#	63
56) 2,4-Dinitrotoluene	12.97	165	155400	42.54	ng	#	94
57) Fluorene	13.46	166	544306	41.90	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.14	232	105218	44.63	ng	#	95
59) Diethylphthalate	13.36	149	551883	41.32	ng		98
60) 4-Chlorophenyl-phenylether	13.48	204	244197	42.78	ng		93
61) 4-Nitroaniline	13.57	138	128805	45.98	ng		96
62) Azobenzene	13.74	77	485683	45.26	ng		94
64) 4,6-Dinitro-2-methylphenol	13.63	198	87569	41.08	ng	#	66
65) n-Nitrosodiphenylamine	13.69	169	482069	41.77	ng		99
66) 4-Bromophenyl-phenylether	14.27	248	140358	41.78	ng		98
67) Hexachlorobenzene	14.35	284	146094	42.44	ng	#	87
68) Atrazine	14.61	200	135323	41.53	ng		97
69) Pentachlorophenol	14.71	266	58549	40.72	ng		96
70) Phenanthrene	15.01	178	719070	39.36	ng		98
71) Anthracene	15.09	178	771098	41.32	ng		98
72) Carbazole	15.37	167	750603	44.21	ng		99
73) Di-n-butylphthalate	15.94	149	936509	44.23	ng		98
74) Fluoranthene	16.75	202	815867	43.54	ng		98
76) Benzidine	16.97	184	307520	38.82	ng		95
77) Pyrene	17.05	202	846789	37.20	ng		99
79) Butylbenzylphthalate	17.95	149	399961	37.77	ng		87
80) Benzo(a)anthracene	18.62	228	657189	37.10	ng		99
81) 3,3'-Dichlorobenzidine	18.61	252	220213	35.99	ng	#	96
82) Chrysene	18.68	228	658625	38.45	ng		100
83) Bis(2-ethylhexyl)phthalate	18.70	149	531848	35.25	ng	#	100
84) Di-n-octyl phthalate	19.47	149	952919	38.52	ng		96
85) Indeno(1,2,3-cd)pyrene	21.61	276	406454	29.22	ng		99
87) Benzo(b)fluoranthene	19.90	252	536914	40.12	ng		98
88) Benzo(k)fluoranthene	19.94	252	530660	41.11	ng		96
89) Benzo(a)pyrene	20.25	252	488263	39.54	ng		98
90) Dibenzo(a,h)anthracene	21.61	278	365965	35.88	ng		97
91) Benzo(g,h,i)perylene	21.99	276	347428	34.71	ng		97

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

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