Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062615\
Data File : BF080202.D
Acq On : 26 Jun 2015 23:13
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
6/29/2015 11:38:35 AM

Quant Time: Jun 29 11:01:35 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	32562	20.00	ng		-0.03
21) Naphthalene-d8	8.58	136	126393	20.00	ng		-0.03
38) Acenaphthene-d10	10.36	164	64839	20.00	ng		-0.03
63) Phenanthrene-d10	11.88	188	138096	20.00	ng		-0.03
75) Chrysene-d12	14.89	240	156989	20.00	ng		-0.10
86) Perylene-d12	16.79	264	161337	20.00	ng		-0.14
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	158199	86.00	ng		-0.03
7) Phenol-d6	6.90	99	216285	88.36	ng		-0.02
23) Nitrobenzene-d5	7.85	82	197337	90.89	ng		-0.02
41) 2,4,6-Tribromophenol	11.16	330	55604	87.70	ng		-0.02
44) 2-Fluorobiphenyl	9.67	172	352940	77.63	ng		-0.02
78) Terphenyl-d14	13.59	244	507965	75.57	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	37103m	42.44	ng		
3) Pyridine	3.97	79	88249	37.95	ng	#	83
4) n-Nitrosodimethylamine	3.88	42	41327	37.40	ng		95
6) Aniline	6.95	93	152749	45.36	ng		93
8) 2-Chlorophenol	7.08	128	87074	40.96	ng		85
9) Benzaldehyde	6.85	77	49835	35.27	ng		91
10) Phenol	6.92	94	118067	44.20	ng		81
11) bis(2-Chloroethyl)ether	7.02	93	78634	37.10	ng		86
12) 1,3-Dichlorobenzene	7.24	146	103901m	40.68	ng		
13) 1,4-Dichlorobenzene	7.32	146	114244m	47.03	ng		
14) 1,2-Dichlorobenzene	7.48	146	97972	41.45	ng		98
15) Benzyl Alcohol	7.42	79	76663	38.30	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	7.57	45	142884	45.42	ng		86
17) 2-Methylphenol	7.53	107	74963	41.28	ng	#	90
18) Hexachloroethane	7.82	117	35986	44.50	ng	#	86
19) n-Nitroso-di-n-propylamine	7.69	70	70039	41.21	ng	#	77
20) 3+4-Methylphenols	7.68	107	101772	43.42	ng		91
22) Acetophenone	7.69	105	117418	39.86	ng	#	78
24) Nitrobenzene	7.88	77	99016	44.19	ng	#	75
25) Isophorone	8.10	82	168395	38.54	ng	#	82
26) 2-Nitrophenol	8.20	139	48202	51.39	ng	#	70
27) 2,4-Dimethylphenol	8.22	122	86623	44.29	ng	#	81
28) bis(2-Chloroethoxy)methane	8.31	93	95361	37.15	ng	#	91
29) 2,4-Dichlorophenol	8.44	162	80247	47.91	ng		99
30) 1,2,4-Trichlorobenzene	8.53	180	91086	47.89	ng		98
31) Naphthalene	8.61	128	264531m	40.03	ng		
32) Benzoic acid	8.29	122	50351	42.58	ng	#	69
33) 4-Chloroaniline	8.65	127	103299m	36.53	ng		
34) Hexachlorobutadiene	8.73	225	50069	42.75	ng		97
35) Caprolactam	8.98	113	21882	40.25	ng	#	78
36) 4-Chloro-3-methylphenol	9.12	107	77754	41.15	ng		89
37) 2-Methylnaphthalene	9.30	142	186865	43.72	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	86490	45.84	ng		99
40) Hexachlorocyclopentadiene	9.46	237	26092	31.02	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	58626	45.67	ng		99
43) 2,4,5-Trichlorophenol	9.62	196	58364	39.46	ng	#	89
45) 1,1'-Biphenyl	9.77	154	210321	39.87	ng		95
46) 2-Chloronaphthalene	9.80	162	172498	40.30	ng		93
47) 2-Nitroaniline	9.89	65	48558	41.33	ng		93
48) Acenaphthylene	10.22	152	307205	43.00	ng		97
49) Dimethylphthalate	10.06	163	204069	41.86	ng	#	97
50) 2,6-Dinitrotoluene	10.13	165	40210	41.15	ng	#	88
51) Acenaphthene	10.39	154	176909	40.48	ng		90
52) 3-Nitroaniline	10.30	138	49444	43.85	ng		96
53) 2,4-Dinitrophenol	10.40	184	15226	41.32	ng	#	1
54) Dibenzofuran	10.56	168	239192	38.57	ng	#	86
55) 4-Nitrophenol	10.44	139	36186	40.15	ng	#	30
56) 2,4-Dinitrotoluene	10.53	165	56416	45.49	ng	#	73
57) Fluorene	10.92	166	212776	43.24	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.69	232	47526	38.06	ng		96
59) Diethylphthalate	10.77	149	189251	38.56	ng		96
60) 4-Chlorophenyl-phenylether	10.89	204	88419	37.39	ng	#	81
61) 4-Nitroaniline	10.90	138	49474	42.49	ng	#	44
62) Azobenzene	11.05	77	192888	38.60	ng	#	84
64) 4,6-Dinitro-2-methylphenol	10.95	198	23664	37.31	ng	#	60
65) n-Nitrosodiphenylamine	11.01	169	168400	37.45	ng		93
66) 4-Bromophenyl-phenylether	11.40	248	61201	41.68	ng		94
67) Hexachlorobenzene	11.48	284	64726	39.66	ng	#	87
68) Atrazine	11.53	200	54581	38.42	ng		83
69) Pentachlorophenol	11.67	266	30630	33.12	ng		98
70) Phenanthrene	11.90	178	333122	39.84	ng		97
71) Anthracene	11.94	178	318262	39.53	ng		98
72) Carbazole	12.10	167	317571	41.32	ng		97
73) Di-n-butylphthalate	12.44	149	328016	36.94	ng	#	98
74) Fluoranthene	13.18	202	369453	41.49	ng		89
76) Benzidine	13.29	184	187220	42.66	ng		98
77) Pyrene	13.44	202	385070	39.84	ng		97
79) Butylbenzylphthalate	14.15	149	148888	38.36	ng		95
80) Benzo(a)anthracene	14.88	228	379237	39.65	ng		97
81) 3,3'-Dichlorobenzidine	14.83	252	132193	40.08	ng	#	93
82) Chrysene	14.93	228	357905	40.58	ng		95
83) Bis(2-ethylhexyl)phthalate	14.86	149	205045	33.42	ng	#	93
84) Di-n-octyl phthalate	15.68	149	368707	35.07	ng		97
85) Indeno(1,2,3-cd)pyrene	18.63	276	450684	40.52	ng	#	89
87) Benzo(b)fluoranthene	16.25	252	367328	37.60	ng	#	88
88) Benzo(k)fluoranthene	16.29	252	323887	32.56	ng	#	89
89) Benzo(a)pyrene	16.71	252	363165	39.15	ng	#	88
90) Dibenzo(a,h)anthracene	18.65	278	367324	38.69	ng	#	83
91) Benzo(g,h,i)perylene	19.19	276	369437	38.54	ng	#	77

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

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