Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078422.D
Acq On : 11 Apr 2015 4:07
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
apatel
4/13/2015 4:17:02 PM

Quant Time: Apr 13 11:02:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 11 04:47:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	33641	20.00	ng		0.00
21) Naphthalene-d8	8.44	136	141232	20.00	ng		0.00
38) Acenaphthene-d10	10.59	164	74318	20.00	ng		0.00
63) Phenanthrene-d10	12.42	188	146875	20.00	ng		0.00
75) Chrysene-d12	15.68	240	168767	20.00	ng		0.00
86) Perylene-d12	17.31	264	157437	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	160125	78.48	ng		0.00
7) Phenol-d6	6.45	99	202859	79.33	ng		0.00
23) Nitrobenzene-d5	7.56	82	194732	83.57	ng		0.00
41) 2,4,6-Tribromophenol	11.56	330	54834	88.96	ng		0.00
44) 2-Fluorobiphenyl	9.78	172	405579	78.01	ng		0.00
78) Terphenyl-d14	14.41	244	562794	75.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.64	88	56739m	61.50	ng		
3) Pyridine	2.22	79	92773	38.39	ng		95
4) n-Nitrosodimethylamine	2.17	42	42251	45.42	ng		82
6) Aniline	6.44	93	146565	40.42	ng		92
8) 2-Chlorophenol	6.59	128	96776	40.11	ng		97
9) Benzaldehyde	6.29	77	59704	35.23	ng		94
10) Phenol	6.48	94	115570	37.72	ng		96
11) bis(2-Chloroethyl)ether	6.56	93	85077	38.61	ng		90
12) 1,3-Dichlorobenzene	6.77	146	106455	40.17	ng		99
13) 1,4-Dichlorobenzene	6.88	146	108306	40.60	ng		98
14) 1,2-Dichlorobenzene	7.06	146	101595	40.62	ng		98
15) Benzyl Alcohol	7.06	79	76119	42.36	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.24	45	119988	40.83	ng		97
17) 2-Methylphenol	7.22	107	77303	41.27	ng		97
18) Hexachloroethane	7.47	117	37781	42.00	ng	#	71
19) n-Nitroso-di-n-propylamine	7.39	70	70244	41.64	ng	#	87
20) 3+4-Methylphenols	7.41	107	102976	41.21	ng		98
22) Acetophenone	7.38	105	137830	41.88	ng	#	92
24) Nitrobenzene	7.58	77	103157	42.35	ng		89
25) Isophorone	7.88	82	185460	41.94	ng	#	92
26) 2-Nitrophenol	7.97	139	46901	40.41	ng	#	79
27) 2,4-Dimethylphenol	8.06	122	88356	40.93	ng		96
28) bis(2-Chloroethoxy)methane	8.18	93	117849	41.56	ng		99
29) 2,4-Dichlorophenol	8.28	162	84157	42.86	ng		92
30) 1,2,4-Trichlorobenzene	8.37	180	88583	39.34	ng		98
31) Naphthalene	8.46	128	297436	40.46	ng		99
32) Benzoic acid	8.20	122	48569	47.87	ng		99
33) 4-Chloroaniline	8.56	127	124439	40.79	ng		96
34) Hexachlorobutadiene	8.62	225	52731	42.65	ng		97
35) Caprolactam	8.98	113	25610	43.69	ng		100
36) 4-Chloro-3-methylphenol	9.17	107	87393	44.11	ng		90
37) 2-Methylnaphthalene	9.32	142	202461	40.57	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	90736	39.40	ng		99
40) Hexachlorocyclopentadiene	9.50	237	32297	36.62	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.68	196	62095	42.76	ng		100
43) 2,4,5-Trichlorophenol	9.72	196	63976	42.17	ng		96
45) 1,1'-Biphenyl	9.90	154	239542	39.41	ng		99
46) 2-Chloronaphthalene	9.92	162	193189	40.39	ng		95
47) 2-Nitroaniline	10.05	65	52090	44.02	ng		90
48) Acenaphthylene	10.42	152	318391	41.22	ng		99
49) Dimethylphthalate	10.29	163	228250	40.88	ng		100
50) 2,6-Dinitrotoluene	10.37	165	48295	42.04	ng		98
51) Acenaphthene	10.64	154	177769	40.88	ng		99
52) 3-Nitroaniline	10.57	138	59956	45.90	ng		89
53) 2,4-Dinitrophenol	10.70	184	13442	41.26	ng		96
54) Dibenzofuran	10.84	168	266747	40.16	ng		100
55) 4-Nitrophenol	10.81	139	36849m	39.75	ng		
56) 2,4-Dinitrotoluene	10.86	165	66419	44.64	ng	#	87
57) Fluorene	11.26	166	224772	41.75	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.01	232	49513	44.02	ng	#	100
59) Diethylphthalate	11.17	149	235897	43.82	ng		100
60) 4-Chlorophenyl-phenylether	11.29	204	106630	43.05	ng	#	90
61) 4-Nitroaniline	11.31	138	56037	42.44	ng		93
62) Azobenzene	11.48	77	228175	46.44	ng		84
64) 4,6-Dinitro-2-methylphenol	11.36	198	28815	41.03	ng	#	68
65) n-Nitrosodiphenylamine	11.44	169	206492	40.64	ng		99
66) 4-Bromophenyl-phenylether	11.88	248	63138	40.59	ng		99
67) Hexachlorobenzene	11.94	284	68293	40.07	ng	#	88
68) Atrazine	12.11	200	62707	42.61	ng		96
69) Pentachlorophenol	12.19	266	30638	44.36	ng		99
70) Phenanthrene	12.44	178	342952	40.37	ng		100
71) Anthracene	12.51	178	348792	41.66	ng		99
72) Carbazole	12.73	167	326113	41.56	ng		99
73) Di-n-butylphthalate	13.19	149	407465	45.84	ng		98
74) Fluoranthene	13.91	202	390555	43.59	ng		96
76) Benzidine	14.10	184	232473	35.77	ng		100
77) Pyrene	14.18	202	386382	36.47	ng		98
79) Butylbenzylphthalate	15.04	149	185613	45.97	ng	#	81
80) Benzo(a)anthracene	15.67	228	392425	39.08	ng		100
81) 3,3'-Dichlorobenzidine	15.65	252	133066	39.57	ng	#	97
82) Chrysene	15.71	228	368798	39.09	ng		98
83) Bis(2-ethylhexyl)phthalate	15.76	149	282089	44.54	ng	#	98
84) Di-n-octyl phthalate	16.52	149	492412	47.35	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.52	276	441365	41.23	ng	#	87
87) Benzo(b)fluoranthene	16.91	252	404408	41.56	ng		99
88) Benzo(k)fluoranthene	16.93	252	354175m	40.96	ng		
89) Benzo(a)pyrene	17.25	252	350859	41.32	ng	#	95
90) Dibenzo(a,h)anthracene	18.56	278	356317	41.91	ng		97
91) Benzo(g,h,i)perylene	18.88	276	343922	40.35	ng		99

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

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