Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078443.D
Acq On : 11 Apr 2015 14:39
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
4/13/2015 4:19:11 PM

Quant Time: Apr 13 04:46:57 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 02:33:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	33720	20.00	ng		0.01
21) Naphthalene-d8	8.44	136	144345	20.00	ng		0.00
38) Acenaphthene-d10	10.60	164	73101	20.00	ng		0.01
63) Phenanthrene-d10	12.42	188	146414	20.00	ng		0.00
75) Chrysene-d12	15.69	240	166936	20.00	ng		0.01
86) Perylene-d12	17.37	264	166820	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	162218	79.32	ng		0.01
7) Phenol-d6	6.46	99	215739	84.17	ng		0.01
23) Nitrobenzene-d5	7.56	82	190745	80.10	ng		0.00
41) 2,4,6-Tribromophenol	11.57	330	58016	95.69	ng		0.01
44) 2-Fluorobiphenyl	9.79	172	418158	81.77	ng		0.01
78) Terphenyl-d14	14.42	244	583014	78.92	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.64	88	43899m	47.47	ng		
3) Pyridine	2.24	79	93979	38.79	ng		97
4) n-Nitrosodimethylamine	2.18	42	34651m	37.16	ng		
6) Aniline	6.45	93	152228	41.88	ng	#	87
8) 2-Chlorophenol	6.59	128	97748	40.42	ng		92
9) Benzaldehyde	6.30	77	61385	36.14	ng		97
10) Phenol	6.48	94	122570	39.91	ng		92
11) bis(2-Chloroethyl)ether	6.57	93	90402	40.93	ng		94
12) 1,3-Dichlorobenzene	6.78	146	107406	40.43	ng	#	90
13) 1,4-Dichlorobenzene	6.89	146	107921	40.36	ng		94
14) 1,2-Dichlorobenzene	7.06	146	100414	40.05	ng		99
15) Benzyl Alcohol	7.06	79	77406	42.98	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	120806	41.01	ng		93
17) 2-Methylphenol	7.23	107	77780	41.43	ng		95
18) Hexachloroethane	7.48	117	23886	26.49	ng		94
19) n-Nitroso-di-n-propylamine	7.40	70	73389	43.40	ng		97
20) 3+4-Methylphenols	7.42	107	103927	41.49	ng		97
22) Acetophenone	7.38	105	133845	39.80	ng	#	89
24) Nitrobenzene	7.58	77	100331	40.30	ng	#	82
25) Isophorone	7.89	82	192824	42.66	ng		99
26) 2-Nitrophenol	7.98	139	39210	33.05	ng		96
27) 2,4-Dimethylphenol	8.06	122	83288	37.75	ng		91
28) bis(2-Chloroethoxy)methane	8.18	93	112206	38.72	ng		98
29) 2,4-Dichlorophenol	8.29	162	81718	40.72	ng		96
30) 1,2,4-Trichlorobenzene	8.37	180	89570	38.92	ng	#	95
31) Naphthalene	8.46	128	297131	39.55	ng		99
32) Benzoic acid	8.21	122	59484	56.21	ng		95
33) 4-Chloroaniline	8.56	127	131624	42.22	ng		100
34) Hexachlorobutadiene	8.62	225	51757	40.96	ng		97
35) Caprolactam	8.99	113	26030	43.45	ng		100
36) 4-Chloro-3-methylphenol	9.18	107	85941	42.44	ng	#	83
37) 2-Methylnaphthalene	9.32	142	202240	39.65	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	93025	41.07	ng		100
40) Hexachlorocyclopentadiene	9.52	237	1019	7.77	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.69	196	64353	45.05	ng		98
43) 2,4,5-Trichlorophenol	9.73	196	68839	46.13	ng	#	91
45) 1,1'-Biphenyl	9.90	154	243278	40.69	ng		99
46) 2-Chloronaphthalene	9.92	162	188894	40.15	ng		99
47) 2-Nitroaniline	10.07	65	59359	51.00	ng	#	65
48) Acenaphthylene	10.42	152	313842	41.31	ng		99
49) Dimethylphthalate	10.31	163	234945	42.78	ng		98
50) 2,6-Dinitrotoluene	10.37	165	46000	40.71	ng	#	69
51) Acenaphthene	10.64	154	179156	41.89	ng		100
52) 3-Nitroaniline	10.57	138	61710	48.03	ng		89
54) Dibenzofuran	10.85	168	275841	42.22	ng		97
55) 4-Nitrophenol	10.82	139	36200m	39.71	ng		
56) 2,4-Dinitrotoluene	10.87	165	57131	39.04	ng	#	77
57) Fluorene	11.28	166	237962	44.94	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.01	232	54294	49.07	ng		98
59) Diethylphthalate	11.17	149	229266	43.30	ng		98
60) 4-Chlorophenyl-phenylether	11.29	204	102999	42.28	ng	#	79
61) 4-Nitroaniline	11.32	138	63812	49.13	ng		94
62) Azobenzene	11.48	77	205903	42.61	ng		96
64) 4,6-Dinitro-2-methylphenol	11.37	198	1388	10.13	ng		91
65) n-Nitrosodiphenylamine	11.44	169	200359	39.56	ng		99
66) 4-Bromophenyl-phenylether	11.89	248	63535	40.97	ng	#	87
67) Hexachlorobenzene	11.94	284	68056	40.05	ng	#	85
68) Atrazine	12.12	200	59493	40.56	ng		98
69) Pentachlorophenol	12.20	266	34652	49.29	ng		100
70) Phenanthrene	12.45	178	344867	40.72	ng		100
71) Anthracene	12.51	178	348597	41.77	ng		100
72) Carbazole	12.73	167	326759	41.78	ng		99
73) Di-n-butylphthalate	13.20	149	416314	46.99	ng		100
74) Fluoranthene	13.92	202	392810	43.98	ng		96
76) Benzidine	14.11	184	255355	39.73	ng		98
77) Pyrene	14.19	202	395017	37.69	ng		98
79) Butylbenzylphthalate	15.04	149	190423	47.68	ng		98
80) Benzo(a)anthracene	15.68	228	404043	40.68	ng		100
81) 3,3'-Dichlorobenzidine	15.67	252	147331	44.29	ng	#	97
82) Chrysene	15.72	228	375623	40.25	ng		99
83) Bis(2-ethylhexyl)phthalate	15.77	149	289733	46.25	ng		100
84) Di-n-octyl phthalate	16.53	149	508742	49.46	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.60	276	418555	39.53	ng	#	85
87) Benzo(b)fluoranthene	16.95	252	408310	39.60	ng		100
88) Benzo(k)fluoranthene	16.97	252	376326m	41.07	ng		
89) Benzo(a)pyrene	17.31	252	373905	41.55	ng		99
90) Dibenzo(a,h)anthracene	18.63	278	339230	37.66	ng	#	97
91) Benzo(g,h,i)perylene	18.96	276	327171	36.22	ng		99

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

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