Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042115\
Data File : BF078706.D
Acq On : 22 Apr 2015 4:34
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
4/22/2015 5:23:19 PM

Quant Time: Apr 22 05:14:51 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 00:52:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	48273	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	201589	20.00	ng		0.00
38) Acenaphthene-d10	11.18	164	99503	20.00	ng		0.00
63) Phenanthrene-d10	13.91	188	201159	20.00	ng		0.00
75) Chrysene-d12	17.77	240	199890	20.00	ng		-0.01
86) Perylene-d12	19.45	264	220776	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	3.84	112	234200	79.99	ng		0.01
7) Phenol-d6	5.32	99	294590	80.29	ng		0.00
23) Nitrobenzene-d5	6.76	82	268684	80.79	ng		0.00
41) 2,4,6-Tribromophenol	12.65	330	78772	95.45	ng		0.00
44) 2-Fluorobiphenyl	10.00	172	570804	82.00	ng		0.00
78) Terphenyl-d14	16.43	244	727740	82.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.38	88	44392	33.53	ng		97
3) Pyridine	1.86	79	149640	43.15	ng	#	90
4) n-Nitrosodimethylamine	1.83	42	61305	45.92	ng		84
6) Aniline	5.30	93	210806	40.51	ng		90
8) 2-Chlorophenol	5.48	128	138128	39.90	ng		99
9) Benzaldehyde	5.13	77	76280	31.37	ng		99
10) Phenol	5.35	94	171731	39.06	ng		94
11) bis(2-Chloroethyl)ether	5.45	93	122712	38.81	ng		96
12) 1,3-Dichlorobenzene	5.71	146	151309	39.79	ng		99
13) 1,4-Dichlorobenzene	5.85	146	153973	40.22	ng		97
14) 1,2-Dichlorobenzene	6.08	146	143235	39.91	ng		99
15) Benzyl Alcohol	6.10	79	117308	45.50	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.34	45	165708	39.29	ng		81
17) 2-Methylphenol	6.33	107	108934	40.53	ng	#	95
18) Hexachloroethane	6.63	117	51470	39.87	ng	#	82
19) n-Nitroso-di-n-propylamine	6.56	70	101180	41.79	ng		90
20) 3+4-Methylphenols	6.60	107	144539	40.31	ng		91
22) Acetophenone	6.52	105	191245	40.72	ng	#	93
24) Nitrobenzene	6.80	77	145324	41.80	ng	#	86
25) Isophorone	7.23	82	270835	42.91	ng		99
26) 2-Nitrophenol	7.35	139	71590	43.21	ng		99
27) 2,4-Dimethylphenol	7.51	122	123768	40.17	ng		98
28) bis(2-Chloroethoxy)methane	7.67	93	164709	40.69	ng		99
29) 2,4-Dichlorophenol	7.79	162	118184	42.17	ng		97
30) 1,2,4-Trichlorobenzene	7.91	180	129023	40.15	ng		99
31) Naphthalene	8.02	128	419222	39.95	ng		99
32) Benzoic acid	7.78	122	64079	44.68	ng		93
33) 4-Chloroaniline	8.18	127	182752	41.97	ng		97
34) Hexachlorobutadiene	8.27	225	74519	42.23	ng		97
35) Caprolactam	8.86	113	37132	44.38	ng		94
36) 4-Chloro-3-methylphenol	9.14	107	122912	43.46	ng		95
37) 2-Methylnaphthalene	9.28	142	286315	40.19	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.59	216	128246	41.60	ng		98
40) Hexachlorocyclopentadiene	9.56	237	21739	21.80	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.84	196	88680	45.61	ng		97
43) 2,4,5-Trichlorophenol	9.92	196	90824	44.71	ng	#	89
45) 1,1'-Biphenyl	10.16	154	323697	39.77	ng		97
46) 2-Chloronaphthalene	10.16	162	257604	40.23	ng		95
47) 2-Nitroaniline	10.41	65	79743	50.33	ng	#	73
48) Acenaphthylene	10.90	152	435762	42.14	ng		99
49) Dimethylphthalate	10.81	163	328114	43.89	ng		99
50) 2,6-Dinitrotoluene	10.90	165	66303	43.11	ng	#	41
51) Acenaphthene	11.23	154	250077	42.95	ng		99
52) 3-Nitroaniline	11.18	138	82524	47.19	ng	#	94
53) 2,4-Dinitrophenol	11.40	184	11378	30.41	ng		97
54) Dibenzofuran	11.57	168	382558	43.02	ng		96
55) 4-Nitrophenol	11.61	139	47605	38.46	ng	#	82
56) 2,4-Dinitrotoluene	11.65	165	97032	48.71	ng		96
57) Fluorene	12.19	166	321206	44.56	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.83	232	64931	43.12	ng		99
59) Diethylphthalate	12.14	149	326763	45.33	ng		99
60) 4-Chlorophenyl-phenylether	12.25	204	148032	44.64	ng	#	86
61) 4-Nitroaniline	12.32	138	84261	47.66	ng		95
62) Azobenzene	12.54	77	322969	49.10	ng		96
64) 4,6-Dinitro-2-methylphenol	12.39	198	27573	31.25	ng	#	71
65) n-Nitrosodiphenylamine	12.49	169	279439	40.16	ng		98
66) 4-Bromophenyl-phenylether	13.14	248	90634	42.54	ng		98
67) Hexachlorobenzene	13.19	284	96111	41.17	ng	#	91
68) Atrazine	13.57	200	87060	43.20	ng		96
69) Pentachlorophenol	13.60	266	33141	36.67	ng		97
70) Phenanthrene	13.95	178	465902	40.04	ng		100
71) Anthracene	14.05	178	474978	41.42	ng		99
72) Carbazole	14.38	167	446226	41.53	ng		99
73) Di-n-butylphthalate	15.05	149	566916	46.57	ng		99
74) Fluoranthene	15.84	202	527693	43.00	ng		93
76) Benzidine	16.10	184	337550	43.86	ng		98
77) Pyrene	16.15	202	535595	42.68	ng		98
79) Butylbenzylphthalate	17.13	149	250962	52.47	ng		94
80) Benzo(a)anthracene	17.76	228	498981	41.96	ng		98
81) 3,3'-Dichlorobenzidine	17.77	252	182918	45.92	ng	#	98
82) Chrysene	17.81	228	475830	42.58	ng		99
83) Bis(2-ethylhexyl)phthalate	17.90	149	373174	49.75	ng	#	96
84) Di-n-octyl phthalate	18.67	149	652394	52.97	ng	#	100
85) Indeno(1,2,3-cd)pyrene	20.59	276	589593	46.50	ng	#	87
87) Benzo(b)fluoranthene	19.04	252	508390	37.26	ng		98
88) Benzo(k)fluoranthene	19.07	252	504599m	41.61	ng		
89) Benzo(a)pyrene	19.39	252	487822	40.97	ng		98
90) Dibenzo(a,h)anthracene	20.62	278	462359	38.78	ng		98
91) Benzo(g,h,i)perylene	20.91	276	455820	38.13	ng		96

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

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