

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
 Data File : BF079508.D
 Acq On : 27 May 2015 7:37
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

apatel
 5/27/2015 2:02:59 PM

Quant Time: May 27 08:51:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 07:31:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	66054	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	277152	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	139788	20.00	ng	0.00
63) Phenanthrene-d10	12.61	188	272177	20.00	ng	0.01
75) Chrysene-d12	15.90	240	285840	20.00	ng	0.02
86) Perylene-d12	17.70	264	300746	20.00	ng	0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	318190m	83.55	ng	0.00
7) Phenol-d6	6.62	99	415159	85.53	ng	0.00
23) Nitrobenzene-d5	7.72	82	408812	85.27	ng	0.01
41) 2,4,6-Tribromophenol	11.75	330	130800	85.19	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	773320	78.93	ng	0.00
78) Terphenyl-d14	14.61	244	980219	80.48	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.84	88	77494m	42.78	ng	
3) Pyridine	2.49	79	203399m	50.99	ng	
4) n-Nitrosodimethylamine	2.42	42	89343m	45.49	ng	
6) Aniline	6.62	93	293998m	42.67	ng	
8) 2-Chlorophenol	6.75	128	183801	41.46	ng	94
9) Benzaldehyde	6.47	77	113445m	42.45	ng	
10) Phenol	6.63	94	244049m	42.70	ng	
11) bis(2-Chloroethyl)ether	6.72	93	175146	42.37	ng	99
12) 1,3-Dichlorobenzene	6.94	146	204872	41.71	ng	97
13) 1,4-Dichlorobenzene	7.04	146	206409	41.20	ng	98
14) 1,2-Dichlorobenzene	7.22	146	193025	41.48	ng	98
15) Benzyl Alcohol	7.22	79	144956	40.64	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.39	45	253740	41.93	ng	99
17) 2-Methylphenol	7.38	107	143190	41.11	ng	99
18) Hexachloroethane	7.63	117	57232	33.19	ng	95
19) n-Nitroso-di-n-propylamine	7.55	70	141083	41.31	ng	# 86
20) 3+4-Methylphenols	7.58	107	194124	40.56	ng	99
22) Acetophenone	7.54	105	247985	39.94	ng	# 90
24) Nitrobenzene	7.75	77	190329	40.28	ng	# 81
25) Isophorone	8.04	82	371270	42.48	ng	97
26) 2-Nitrophenol	8.14	139	67240	30.05	ng	90
27) 2,4-Dimethylphenol	8.22	122	168114	41.80	ng	97
28) bis(2-Chloroethoxy)methane	8.33	93	230404	42.54	ng	99
29) 2,4-Dichlorophenol	8.44	162	159346	43.25	ng	96
30) 1,2,4-Trichlorobenzene	8.54	180	160781	42.07	ng	94
31) Naphthalene	8.63	128	563838	42.39	ng	98
32) Benzoic acid	8.35	122	110420m	44.24	ng	
33) 4-Chloroaniline	8.71	127	233737	42.06	ng	98
34) Hexachlorobutadiene	8.78	225	87728	40.36	ng	97
35) Caprolactam	9.15	113	51184	44.06	ng	87
36) 4-Chloro-3-methylphenol	9.34	107	163971	42.91	ng	# 81
37) 2-Methylnaphthalene	9.48	142	396170	42.90	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	158983	40.66	ng	# 100
42) 2,4,6-Trichlorophenol	9.85	196	110252	40.38	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.90	196	113840	41.89	nq	# 92
45) 1,1'-Biphenyl	10.07	154	461037	42.23	nq	99
46) 2-Chloronaphthalene	10.08	162	342109	39.68	nq	96
47) 2-Nitroaniline	10.23	65	115243	44.95	nq	# 64
48) Acenaphthylene	10.59	152	592282	41.38	nq	99
49) Dimethylphthalate	10.46	163	398503	38.69	nq	100
50) 2,6-Dinitrotoluene	10.54	165	78025	37.92	nq	# 74
51) Acenaphthene	10.81	154	335037	40.93	nq	98
52) 3-Nitroaniline	10.74	138	122982	45.95	nq	# 77
54) Dibenzofuran	11.03	168	494174	40.94	nq	93
55) 4-Nitrophenol	10.98	139	62346m	42.00	nq	
56) 2,4-Dinitrotoluene	11.04	165	97023	35.16	nq	# 76
57) Fluorene	11.45	166	414498	41.66	nq	98
58) 2,3,4,6-Tetrachlorophenol	11.19	232	88626	44.81	nq	# 100
59) Diethylphthalate	11.34	149	412974	40.96	nq	97
60) 4-Chlorophenyl-phenylether	11.46	204	178605	41.54	nq	87
61) 4-Nitroaniline	11.50	138	125515	50.34	nq	86
62) Azobenzene	11.66	77	418362	42.66	nq	90
64) 4,6-Dinitro-2-methylphenol	11.55	198	1193	7.74	nq	# 77
65) n-Nitrosodiphenylamine	11.61	169	369157	40.84	nq	99
66) 4-Bromophenyl-phenylether	12.06	248	111701	39.85	nq	# 81
67) Hexachlorobenzene	12.13	284	129938	40.66	nq	# 87
68) Atrazine	12.29	200	94958	38.88	nq	97
69) Pentachlorophenol	12.38	266	56755	46.36	nq	98
70) Phenanthrene	12.63	178	604237	40.47	nq	98
71) Anthracene	12.70	178	615002	40.57	nq	99
72) Carbazole	12.91	167	608672	41.70	nq	99
73) Di-n-butylphthalate	13.36	149	712143	43.58	nq	99
74) Fluoranthene	14.10	202	680704	42.51	nq	94
76) Benzidine	14.30	184	389274	63.58	nq	99
77) Pyrene	14.39	202	717143	40.50	nq	99
79) Butylbenzylphthalate	15.22	149	331952	41.68	nq	95
80) Benzo(a)anthracene	15.89	228	646816	39.34	nq	99
81) 3,3'-Dichlorobenzidine	15.87	252	261345	43.40	nq	99
82) Chrysene	15.93	228	610706	39.07	nq	99
83) Bis(2-ethylhexyl)phthalate	15.95	149	469483	41.15	nq	100
84) Di-n-octyl phthalate	16.78	149	813259	40.95	nq	99
85) Indeno(1,2,3-cd)pyrene	19.06	276	736738m	36.65	nq	
87) Benzo(b)fluoranthene	17.23	252	767946m	44.77	nq	
88) Benzo(k)fluoranthene	17.27	252	575834	37.54	nq	# 97
89) Benzo(a)pyrene	17.63	252	640397	42.47	nq	# 98
90) Dibenzo(a,h)anthracene	19.09	278	603096	38.09	nq	100
91) Benzo(g,h,i)perylene	19.45	276	594448	37.91	nq	98

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

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