

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
 Data File : BF079483.D
 Acq On : 26 May 2015 18:18
 Operator : TP/IZ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

apatel
 5/27/2015 2:00:39 PM

Quant Time: May 26 19:00:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 26 18:36:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	108181	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	448346	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	220645	20.00	ng	0.00
63) Phenanthrene-d10	12.60	188	405011	20.00	ng	0.01
75) Chrysene-d12	15.89	240	380668	20.00	ng	0.01
86) Perylene-d12	17.58	264	417990	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	701645m	111.03	ng	0.00
7) Phenol-d6	6.62	99	849363	101.40	ng	0.00
23) Nitrobenzene-d5	7.72	82	868548	110.38	ng	0.01
41) 2,4,6-Tribromophenol	11.75	330	269212	111.81	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	1572606	98.47	ng	0.00
78) Terphenyl-d14	14.59	244	1644251	101.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.85	88	159732m	57.04	ng	
3) Pyridine	2.49	79	451891m	57.13	ng	
4) n-Nitrosodimethylamine	2.43	42	181751m	53.75	ng	
6) Aniline	6.62	93	627060m	53.50	ng	
8) 2-Chlorophenol	6.75	128	406014	55.70	ng	94
9) Benzaldehyde	6.47	77	234381	42.74	ng	98
10) Phenol	6.64	94	507369	52.24	ng	91
11) bis(2-Chloroethyl)ether	6.72	93	378889	53.09	ng	94
12) 1,3-Dichlorobenzene	6.94	146	446620	54.98	ng	95
13) 1,4-Dichlorobenzene	7.04	146	456760	54.80	ng	98
14) 1,2-Dichlorobenzene	7.22	146	403289	52.08	ng	97
15) Benzyl Alcohol	7.22	79	326883	52.86	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.39	45	548189	50.80	ng	97
17) 2-Methylphenol	7.38	107	322825	55.50	ng	98
18) Hexachloroethane	7.63	117	160362	55.98	ng	97
19) n-Nitroso-di-n-propylamine	7.55	70	299736	53.53	ng	# 93
20) 3+4-Methylphenols	7.58	107	443638	57.34	ng	98
22) Acetophenone	7.54	105	572193	56.01	ng	# 92
24) Nitrobenzene	7.75	77	443418	56.82	ng	# 88
25) Isophorone	8.04	82	777854	53.45	ng	96
26) 2-Nitrophenol	8.14	139	222673	67.83	ng	93
27) 2,4-Dimethylphenol	8.22	122	365458	56.56	ng	97
28) bis(2-Chloroethoxy)methane	8.33	93	497267	55.67	ng	99
29) 2,4-Dichlorophenol	8.44	162	344793	59.67	ng	98
30) 1,2,4-Trichlorobenzene	8.54	180	351650	55.75	ng	93
31) Naphthalene	8.63	128	1198825	55.50	ng	99
32) Benzoic acid	8.39	122	242396m	64.24	ng	
33) 4-Chloroaniline	8.71	127	494241	53.93	ng	98
34) Hexachlorobutadiene	8.78	225	192860	52.91	ng	97
35) Caprolactam	9.16	113	102007	54.55	ng	# 85
36) 4-Chloro-3-methylphenol	9.34	107	363876	60.60	ng	# 83
37) 2-Methylnaphthalene	9.48	142	835385	55.96	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	342905	54.49	ng	# 100
40) Hexachlorocyclopentadiene	9.67	237	100026	35.31	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.84	196	239888	55.52	nq	99
43) 2,4,5-Trichlorophenol	9.90	196	240599	55.41	nq	95
45) 1,1'-Biphenyl	10.07	154	935884	52.70	nq	97
46) 2-Chloronaphthalene	10.08	162	728943	52.31	nq	97
47) 2-Nitroaniline	10.23	65	242252	60.48	nq	# 63
48) Acenaphthylene	10.59	152	1224211	53.74	nq	98
49) Dimethylphthalate	10.47	163	903382	55.10	nq	100
50) 2,6-Dinitrotoluene	10.54	165	190444	58.85	nq	# 72
51) Acenaphthene	10.81	154	688899	51.25	nq	99
52) 3-Nitroaniline	10.74	138	251928	62.09	nq	82
53) 2,4-Dinitrophenol	10.88	184	71887	78.52	nq	96
54) Dibenzofuran	11.02	168	1017665	52.19	nq	97
55) 4-Nitrophenol	10.98	139	152841m	50.79	nq	
56) 2,4-Dinitrotoluene	11.04	165	257736	60.17	nq	# 69
57) Fluorene	11.45	166	827259	51.28	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.19	232	182709	51.94	nq	# 100
59) Diethylphthalate	11.34	149	840092	51.89	nq	97
60) 4-Chlorophenyl-phenylether	11.46	204	359879	50.62	nq	# 81
61) 4-Nitroaniline	11.50	138	220559	55.22	nq	93
62) Azobenzene	11.66	77	894607	56.55	nq	88
64) 4,6-Dinitro-2-methylphenol	11.54	198	122430	73.29	nq	# 72
65) n-Nitrosodiphenylamine	11.61	169	724112	53.29	nq	97
66) 4-Bromophenyl-phenylether	12.06	248	229767	53.59	nq	# 89
67) Hexachlorobenzene	12.11	284	257289	52.64	nq	# 85
68) Atrazine	12.28	200	190483	48.20	nq	97
69) Pentachlorophenol	12.38	266	120286	51.78	nq	98
70) Phenanthrene	12.63	178	1149287	50.42	nq	98
71) Anthracene	12.70	178	1228565	54.48	nq	98
72) Carbazole	12.91	167	1186118	55.28	nq	98
73) Di-n-butylphthalate	13.36	149	1361323	53.23	nq	99
74) Fluoranthene	14.10	202	1263833	52.92	nq	97
76) Benzidine	14.30	184	501991	50.68	nq	99
77) Pyrene	14.38	202	1288729	57.61	nq	99
79) Butylbenzylphthalate	15.21	149	617324	63.51	nq	92
80) Benzo(a)anthracene	15.87	228	1199518	56.82	nq	100
81) 3,3'-Dichlorobenzidine	15.85	252	455636	60.42	nq	# 99
82) Chrysene	15.91	228	1150416	56.33	nq	99
83) Bis(2-ethylhexyl)phthalate	15.93	149	879656	60.24	nq	99
84) Di-n-octyl phthalate	16.72	149	1559205	60.20	nq	100
85) Indeno(1,2,3-cd)pyrene	18.90	276	1518139	58.59	nq	99
87) Benzo(b)fluoranthene	17.14	252	1346975	58.56	nq	# 96
88) Benzo(k)fluoranthene	17.18	252	1046605m	46.53	nq	
89) Benzo(a)pyrene	17.52	252	1146261	53.65	nq	98
90) Dibenzo(a,h)anthracene	18.93	278	1203914	53.34	nq	98
91) Benzo(g,h,i)perylene	19.29	276	1244120	54.69	nq	96

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

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