

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
 Data File : BF087098.D
 Acq On : 17 May 2016 12:40
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

sohil
 5/18/2016 6:56:15 PM

Quant Time: May 17 16:36:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 14:48:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	149888	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	625390	20.00	ng	0.00
38) Acenaphthene-d10	9.64	164	291574	20.00	ng	0.01
63) Phenanthrene-d10	11.12	188	549552	20.00	ng	0.01
75) Chrysene-d12	13.75	240	392605	20.00	ng	0.00
86) Perylene-d12	15.10	264	333065	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	1439561	162.65	ng	0.01
7) Phenol-d6	6.28	99	1786249	151.01	ng	0.01
23) Nitrobenzene-d5	7.19	82	1837623	147.54	ng	0.01
41) 2,4,6-Tribromophenol	10.43	330	434919	140.90	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	2545551	146.73	ng	0.00
78) Terphenyl-d14	12.71	244	2770013	149.70	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.02	88	338245	77.84	ng	# 72
3) Pyridine	2.66	79	905311	85.23	ng	# 66
4) n-Nitrosodimethylamine	2.65	42	672158	87.26	ng	# 51
6) Aniline	6.27	93	1140276	79.70	ng	# 84
8) 2-Chlorophenol	6.40	128	820437	76.82	ng	99
10) Phenol	6.30	94	1158962	82.43	ng	80
11) bis(2-Chloroethyl)ether	6.35	93	844982	77.08	ng	86
12) 1,3-Dichlorobenzene	6.54	146	807628m	69.88	ng	
13) 1,4-Dichlorobenzene	6.62	146	841215m	71.37	ng	
14) 1,2-Dichlorobenzene	6.78	146	744851	72.51	ng	98
15) Benzyl Alcohol	6.78	79	706063	86.44	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1599088	67.09	ng	75
17) 2-Methylphenol	6.90	107	689307m	81.11	ng	
18) Hexachloroethane	7.11	117	343073	77.36	ng	95
19) n-Nitroso-di-n-propylamine	7.05	70	663778	80.30	ng	# 77
20) 3+4-Methylphenols	7.06	107	893990	80.54	ng	# 57
22) Acetophenone	7.04	105	1218150	82.46	ng	96
24) Nitrobenzene	7.21	77	1077150	84.07	ng	# 88
25) Isophorone	7.45	82	1833938	79.36	ng	98
26) 2-Nitrophenol	7.52	139	493988	87.72	ng	# 89
27) 2,4-Dimethylphenol	7.58	122	666420	69.47	ng	87
28) bis(2-Chloroethoxy)methane	7.66	93	863900	69.31	ng	98
29) 2,4-Dichlorophenol	7.77	162	646710	76.59	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	735065	77.86	ng	99
31) Naphthalene	7.92	128	2273514	72.58	ng	100
32) Benzoic acid	7.78	122	513200	91.08	ng	# 79
33) 4-Chloroaniline	7.98	127	956520	78.59	ng	# 90
34) Hexachlorobutadiene	8.03	225	413314	75.45	ng	98
35) Caprolactam	8.40	113	236535m	82.33	ng	
36) 4-Chloro-3-methylphenol	8.49	107	778210	75.99	ng	90
37) 2-Methylnaphthalene	8.60	142	1428430	78.00	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	671522	79.21	ng	99
40) Hexachlorocyclopentadiene	8.75	237	261160	64.90	ng	95
42) 2,4,6-Trichlorophenol	8.90	196	441801	77.93	ng	91

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43) 2,4,5-Trichlorophenol	8.95	196	414810	70.76	nq	# 89
45) 1,1'-Biphenyl	9.07	154	1623882	70.02	nq	94
46) 2-Chloronaphthalene	9.10	162	1400503	77.08	nq	95
47) 2-Nitroaniline	9.21	65	616218	92.79	nq	90
48) Acenaphthylene	9.51	152	2170699	81.22	nq	99
49) Dimethylphthalate	9.39	163	1695690	76.23	nq	100
50) 2,6-Dinitrotoluene	9.45	165	315125	67.31	nq	# 68
51) Acenaphthene	9.68	154	1348129	81.09	nq	99
52) 3-Nitroaniline	9.62	138	373134	75.71	nq	82
53) 2,4-Dinitrophenol	9.74	184	220390	113.10	nq	90
54) Dibenzofuran	9.85	168	1729869	81.06	nq	97
56) 2,4-Dinitrotoluene	9.86	165	518902	89.57	nq	# 81
57) Fluorene	10.19	166	1444125	79.35	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	318587	72.18	nq	99
59) Diethylphthalate	10.08	149	1432942	66.10	nq	99
60) 4-Chlorophenyl-phenylether	10.18	204	545100	58.87	nq	96
61) 4-Nitroaniline	10.25	138	397431	83.96	nq	# 73
62) Azobenzene	10.34	77	1573328	67.27	nq	86
64) 4,6-Dinitro-2-methylphenol	10.27	198	296809	86.94	nq	# 69
65) n-Nitrosodiphenylamine	10.32	169	1271838	75.33	nq	99
66) 4-Bromophenyl-phenylether	10.67	248	444494	79.78	nq	# 85
67) Hexachlorobenzene	10.73	284	442316	67.93	nq	# 71
69) Pentachlorophenol	10.94	266	200690	66.69	nq	97
70) Phenanthrene	11.14	178	1855730	63.28	nq	98
71) Anthracene	11.20	178	2236897	74.58	nq	99
72) Carbazole	11.36	167	1719260	66.68	nq	97
73) Di-n-butylphthalate	11.69	149	2093787	66.50	nq	# 98
74) Fluoranthene	12.32	202	2108750	69.91	nq	99
76) Benzidine	12.46	184	568307	56.78	nq	99
77) Pyrene	12.55	202	1901758	63.27	nq	98
79) Butylbenzylphthalate	13.18	149	840598	66.12	nq	# 68
80) Benzo(a)anthracene	13.74	228	1570234	71.25	nq	99
81) 3,3'-Dichlorobenzidine	13.71	252	915391	65.37	nq	# 96
82) Chrysene	13.77	228	1531746	68.32	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	957608	62.62	nq	97
84) Di-n-octyl phthalate	14.35	149	1778627	70.21	nq	# 83
85) Indeno(1,2,3-cd)pyrene	16.37	276	1574904	84.43	nq	94
87) Benzo(b)fluoranthene	14.74	252	1706398m	78.83	nq	
88) Benzo(k)fluoranthene	14.77	252	1054365m	59.49	nq	
89) Benzo(a)pyrene	15.05	252	1301486	69.71	nq	97
90) Dibenzo(a,h)anthracene	16.37	278	1288560	81.89	nq	98
91) Benzo(g,h,i)perylene	16.73	276	1332061	83.31	nq	# 94

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

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