

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081616\
 Data File : BF089732.D
 Acq On : 16 Aug 2016 18:36
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

umangi
 8/17/2016 5:58:21 AM

Quant Time: Aug 16 19:40:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 18:33:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	623297	20.00	ng	0.01
21) Naphthalene-d8	7.99	136	2492805	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	1202306	20.00	ng	0.01
63) Phenanthrene-d10	11.22	188	2166737	20.00	ng	0.01
75) Chrysene-d12	13.89	240	1344475	20.00	ng	-0.01
86) Perylene-d12	15.37	264	1174611	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	4887636	62.75	ng	0.00
7) Phenol-d6	6.35	99	6682751	68.82	ng	0.02
23) Nitrobenzene-d5	7.28	82	5956464	72.41	ng	0.01
41) 2,4,6-Tribromophenol	10.54	330	1759918	73.73	ng	0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	12.81	244	6871064	72.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	1402649	69.31	ng	98
3) Pyridine	2.86	79	3849426	76.37	ng	96
4) n-Nitrosodimethylamine	2.83	42	1579773	74.79	ng	82
6) Aniline	6.38	93	4501668	67.08	ng	99
8) 2-Chlorophenol	6.49	128	3135349	72.97	ng	90
9) Benzaldehyde	6.25	77	2315930	70.57	ng	86
10) Phenol	6.36	94	4290713	73.55	ng	98
11) bis(2-Chloroethyl)ether	6.46	93	3327642	78.01	ng	93
12) 1,3-Dichlorobenzene	6.65	146	3510044m	75.45	ng	
13) 1,4-Dichlorobenzene	6.72	146	3223767	68.89	ng	98
14) 1,2-Dichlorobenzene	6.88	146	3075611m	68.78	ng	
15) Benzyl Alcohol	6.86	79	2040052	58.48	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.99	45	4135169	75.89	ng	93
17) 2-Methylphenol	6.97	107	2607872	72.82	ng	96
18) Hexachloroethane	7.22	117	1347377	76.93	ng	97
19) n-Nitroso-di-n-propylamine	7.14	70	2366361	74.88	ng	95
22) Acetophenone	7.13	105	4194264	70.55	ng	# 90
24) Nitrobenzene	7.30	77	3772416	85.44	ng	# 87
25) Isophorone	7.54	82	6299658	76.58	ng	96
26) 2-Nitrophenol	7.61	139	1755746	85.78	ng	# 83
27) 2,4-Dimethylphenol	7.66	122	2976165	73.09	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	3749539	71.71	ng	# 93
29) 2,4-Dichlorophenol	7.85	162	2447883	70.73	ng	93
30) 1,2,4-Trichlorobenzene	7.94	180	2791404	76.58	ng	# 93
31) Naphthalene	8.02	128	7993239	71.26	ng	95
32) Benzoic acid	7.83	122	2753931	105.54	ng	97
33) 4-Chloroaniline	8.07	127	3618157	67.43	ng	# 88
34) Hexachlorobutadiene	8.14	225	1358040	73.07	ng	100
35) Caprolactam	8.48	113	947957m	88.70	ng	
36) 4-Chloro-3-methylphenol	8.56	107	2821506	78.24	ng	96
37) 2-Methylnaphthalene	8.71	142	5201070m	67.15	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	2793043	83.07	ng	97
40) Hexachlorocyclopentadiene	8.87	237	1323013	71.25	ng	99
42) 2,4,6-Trichlorophenol	8.98	196	1904652	78.98	ng	98

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43) 2,4,5-Trichlorophenol	9.03	196	1892930	82.41	ng	96
46) 2-Chloronaphthalene	9.20	162	5439649	75.32	ng	96
47) 2-Nitroaniline	9.29	65	1777135	76.10	ng	92
48) Acenaphthylene	9.61	152	7446986	65.50	ng	# 87
49) Dimethylphthalate	9.48	163	6060896	71.93	ng	97
50) 2,6-Dinitrotoluene	9.54	165	1508662	80.82	ng	98
51) Acenaphthene	9.78	154	5156407	69.28	ng	95
52) 3-Nitroaniline	9.70	138	1729072	71.43	ng	100
54) Dibenzofuran	9.95	168	6160366	58.38	ng	# 94
55) 4-Nitrophenol	9.86	139	1294569	69.95	ng	86
56) 2,4-Dinitrotoluene	9.94	165	2036938	84.49	ng	# 76
57) Fluorene	10.30	166	5236538	69.19	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	1321576	66.60	ng	92
59) Diethylphthalate	10.18	149	5748123	66.75	ng	94
61) 4-Nitroaniline	10.33	138	1869077	87.44	ng	98
62) Azobenzene	10.44	77	5403240	57.90	ng	95
64) 4,6-Dinitro-2-methylphenol	10.35	198	1141682	98.24	ng	# 57
65) n-Nitrosodiphenylamine	10.41	169	4280393	61.17	ng	95
66) 4-Bromophenyl-phenylether	10.78	248	1428852	64.41	ng	# 72
67) Hexachlorobenzene	10.83	284	1663702	66.81	ng	# 73
68) Atrazine	10.95	200	1658225	80.60	ng	97
69) Pentachlorophenol	11.03	266	1274731	84.90	ng	98
70) Phenanthrene	11.24	178	6333345	58.92	ng	# 88
71) Anthracene	11.30	178	7548512	67.12	ng	# 89
72) Carbazole	11.45	167	6019759	56.17	ng	# 92
74) Fluoranthene	12.42	202	7303857	64.31	ng	88
76) Benzidine	12.56	184	4379494	95.11	ng	# 94
77) Pyrene	12.65	202	7117350	82.58	ng	# 91
79) Butylbenzylphthalate	13.30	149	3722783	94.52	ng	90
80) Benzo(a)anthracene	13.87	228	6245388	80.93	ng	94
81) 3,3'-Dichlorobenzidine	13.85	252	2365102	83.48	ng	97
82) Chrysene	13.92	228	4871446	70.27	ng	94
83) Bis(2-ethylhexyl)phthalate	13.91	149	5172526	93.45	ng	94
84) Di-n-octyl phthalate	14.58	149	7331873	87.99	ng	# 98
85) Indeno(1,2,3-cd)pyrene	16.69	276	4919674	82.88	ng	100
87) Benzo(b)fluoranthene	14.98	252	6379772m	87.77	ng	
89) Benzo(a)pyrene	15.31	252	4849347	79.53	ng	96
90) Dibenzo(a,h)anthracene	16.71	278	4042804	84.43	ng	99
91) Benzo(g,h,i)perylene	17.07	276	4132505	85.14	ng	99

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

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