

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF085969.D
 Acq On : 1 Apr 2016 18:49
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Sohil
 4/4/2016 7:33:01 PM

Quant Time: Apr 01 19:27:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 16:47:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	103670	20.00	ng	-0.03
21) Naphthalene-d8	8.06	136	424894	20.00	ng	-0.03
38) Acenaphthene-d10	9.81	164	187594	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	361113	20.00	ng	-0.03
75) Chrysene-d12	13.94	240	282401	20.00	ng	-0.03
86) Perylene-d12	15.33	264	222505	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	874091	140.42	ng	-0.03
7) Phenol-d6	6.43	99	1113274	140.66	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1055415	139.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	304480	170.83	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	1526447	135.95	ng	-0.03
78) Terphenyl-d14	12.89	244	1857833	135.30	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	227155	76.42	ng	100
3) Pyridine	3.00	79	525722	73.77	ng	99
4) n-Nitrosodimethylamine	2.97	42	224696	78.76	ng	99
6) Aniline	6.44	93	703374	66.02	ng	# 24
8) 2-Chlorophenol	6.57	128	530411	73.34	ng	95
9) Benzaldehyde	6.33	77	248017	52.01	ng	97
10) Phenol	6.44	94	668268	74.53	ng	79
11) bis(2-Chloroethyl)ether	6.52	93	530826	76.93	ng	99
12) 1,3-Dichlorobenzene	6.72	146	550939	70.74	ng	# 95
13) 1,4-Dichlorobenzene	6.80	146	574999	72.80	ng	95
14) 1,2-Dichlorobenzene	6.94	146	467651	63.53	ng	95
15) Benzyl Alcohol	6.93	79	324254	61.41	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	576983	63.02	ng	85
17) 2-Methylphenol	7.05	107	418023	72.20	ng	96
18) Hexachloroethane	7.29	117	213907	73.96	ng	99
20) 3+4-Methylphenols	7.21	107	469403	67.43	ng	# 73
22) Acetophenone	7.20	105	658539	66.53	ng	# 94
24) Nitrobenzene	7.37	77	517550	66.54	ng	99
25) Isophorone	7.62	82	1049239	72.19	ng	# 94
26) 2-Nitrophenol	7.69	139	314022	80.71	ng	95
27) 2,4-Dimethylphenol	7.73	122	513109	75.44	ng	96
28) bis(2-Chloroethoxy)methane	7.82	93	614306	74.18	ng	99
29) 2,4-Dichlorophenol	7.93	162	394891	69.07	ng	98
30) 1,2,4-Trichlorobenzene	8.01	180	452172	71.24	ng	97
31) Naphthalene	8.09	128	1477605	69.02	ng	99
32) Benzoic acid	7.90	122	400688	88.71	ng	97
33) 4-Chloroaniline	8.14	127	634907	72.63	ng	98
34) Hexachlorobutadiene	8.20	225	243965	70.71	ng	99
35) Caprolactam	8.54	113	141672	69.95	ng	97
36) 4-Chloro-3-methylphenol	8.64	107	500380	74.92	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	425011	76.40	ng	98
40) Hexachlorocyclopentadiene	8.92	237	163923	89.17	ng	100
42) 2,4,6-Trichlorophenol	9.06	196	271383	72.23	ng	99
43) 2,4,5-Trichlorophenol	9.10	196	290918	73.83	ng	# 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.24	154	1066398	67.37	nq	97
46) 2-Chloronaphthalene	9.26	162	805072	69.17	nq	93
47) 2-Nitroaniline	9.37	65	253479	71.21	nq	96
48) Acenaphthylene	9.68	152	1226011	64.64	nq	99
49) Dimethylphthalate	9.55	163	1018045	71.53	nq	100
50) 2,6-Dinitrotoluene	9.62	165	259593	84.74	nq	# 64
51) Acenaphthene	9.85	154	732763	63.25	nq	99
52) 3-Nitroaniline	9.79	138	297762	84.91	nq	# 76
54) Dibenzofuran	10.02	168	939746	62.67	nq	97
55) 4-Nitrophenol	9.96	139	179734	78.68	nq	# 80
56) 2,4-Dinitrotoluene	10.02	165	241677	62.07	nq	# 54
57) Fluorene	10.36	166	787339	63.17	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	217665	79.48	nq	95
59) Diethylphthalate	10.25	149	1087022	77.30	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	439898	72.18	nq	# 76
61) 4-Nitroaniline	10.41	138	291226	86.83	nq	96
62) Azobenzene	10.51	77	1008016	74.60	nq	95
64) 4,6-Dinitro-2-methylphenol	10.43	198	171424	81.06	nq	89
65) n-Nitrosodiphenylamine	10.48	169	776291	67.87	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	254812	68.97	nq	92
67) Hexachlorobenzene	10.91	284	268975	69.62	nq	# 84
68) Atrazine	11.01	200	286966	74.31	nq	99
69) Pentachlorophenol	11.10	266	141709	74.71	nq	98
70) Phenanthrene	11.32	178	1228197	66.24	nq	99
71) Anthracene	11.38	178	1484171	76.25	nq	99
72) Carbazole	11.53	167	1241872	75.99	nq	99
73) Di-n-butylphthalate	11.86	149	1415408	63.11	nq	99
74) Fluoranthene	12.51	202	1474945	74.84	nq	94
76) Benzidine	12.64	184	743755	74.78	nq	97
77) Pyrene	12.74	202	1503695	64.78	nq	99
79) Butylbenzylphthalate	13.36	149	733620	75.46	nq	92
80) Benzo(a)anthracene	13.93	228	1192300	74.04	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	755116	67.57	nq	98
82) Chrysene	13.96	228	1071902	66.09	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	868225	74.59	nq	# 92
84) Di-n-octyl phthalate	14.52	149	1381190	79.80	nq	100
85) Indeno(1,2,3-cd)pyrene	16.71	276	969209	77.38	nq	98
87) Benzo(b)fluoranthene	14.95	252	1091615m	77.88	nq	
88) Benzo(k)fluoranthene	14.97	252	923434m	73.08	nq	
89) Benzo(a)pyrene	15.29	252	980386	78.77	nq	# 96
90) Dibenzo(a,h)anthracene	16.72	278	814523	70.44	nq	97
91) Benzo(g,h,i)perylene	17.11	276	779671	66.59	nq	99

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

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