

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082516.D
 Acq On : 24 Oct 2015 16:22
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

MmDadoda
 10/26/2015 7:23:06 PM

Quant Time: Oct 25 01:37:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 15:17:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	105458	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	394722	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	179200	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	282975	20.00	ng	0.00
75) Chrysene-d12	13.98	240	253709	20.00	ng	-0.06
86) Perylene-d12	15.49	264	213089	20.00	ng	-0.14

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	429634	82.22	ng	0.00
7) Phenol-d6	6.41	99	507880	74.69	ng	-0.01
23) Nitrobenzene-d5	7.34	82	493351	83.93	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	92199	54.86	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	965766	89.37	ng	0.00
78) Terphenyl-d14	12.88	244	641426	67.00	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	95492	36.37	ng	98
3) Pyridine	2.95	79	239503	39.22	ng	99
4) n-Nitrosodimethylamine	2.93	42	109854	42.42	ng	97
6) Aniline	6.42	93	349964	39.92	ng	# 56
8) 2-Chlorophenol	6.55	128	253834	39.79	ng	98
9) Benzaldehyde	6.31	77	143560	41.34	ng	92
10) Phenol	6.42	94	271643	34.65	ng	# 48
11) bis(2-Chloroethyl)ether	6.50	93	244554	36.89	ng	99
12) 1,3-Dichlorobenzene	6.70	146	301390	40.57	ng	97
13) 1,4-Dichlorobenzene	6.78	146	301602	38.88	ng	98
14) 1,2-Dichlorobenzene	6.93	146	264357	35.89	ng	98
15) Benzyl Alcohol	6.91	79	194534	41.44	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	315395	34.16	ng	51
17) 2-Methylphenol	7.04	107	187912	37.25	ng	# 89
18) Hexachloroethane	7.27	117	69492	26.17	ng	# 79
19) n-Nitroso-di-n-propylamine	7.19	70	182755	38.27	ng	97
20) 3+4-Methylphenols	7.19	107	236574	39.36	ng	# 69
22) Acetophenone	7.18	105	326164	41.77	ng	# 89
24) Nitrobenzene	7.36	77	240759	37.84	ng	# 78
25) Isophorone	7.59	82	449331	37.88	ng	99
26) 2-Nitrophenol	7.67	139	111406	35.07	ng	94
27) 2,4-Dimethylphenol	7.71	122	197848	38.66	ng	99
28) bis(2-Chloroethoxy)methane	7.81	93	290573	42.10	ng	98
29) 2,4-Dichlorophenol	7.92	162	214598	41.94	ng	98
30) 1,2,4-Trichlorobenzene	7.99	180	231183	39.20	ng	97
31) Naphthalene	8.07	128	646064	37.76	ng	99
32) Benzoic acid	7.84	122	86985m	25.32	ng	
33) 4-Chloroaniline	8.13	127	267639	37.66	ng	95
34) Hexachlorobutadiene	8.18	225	142651	38.82	ng	98
35) Caprolactam	8.51	113	52813	35.57	ng	# 75
36) 4-Chloro-3-methylphenol	8.63	107	199724	39.92	ng	86
37) 2-Methylnaphthalene	8.77	142	476840	40.20	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	213693	40.09	ng	97
40) Hexachlorocyclopentadiene	8.91	237	324	8.41	ng	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	145039	40.97	ng	98
43) 2,4,5-Trichlorophenol	9.10	196	143457	37.41	ng #	94
45) 1,1'-Biphenyl	9.23	154	568423	41.60	ng	95
46) 2-Chloronaphthalene	9.26	162	449738	41.81	ng	97
47) 2-Nitroaniline	9.36	65	124689	42.22	ng	92
48) Acenaphthylene	9.67	152	665315	39.70	ng	100
49) Dimethylphthalate	9.53	163	509604	40.38	ng	100
50) 2,6-Dinitrotoluene	9.60	165	88802	33.35	ng #	66
51) Acenaphthene	9.84	154	377855	37.56	ng	99
52) 3-Nitroaniline	9.77	138	118872	39.52	ng #	77
54) Dibenzofuran	10.01	168	537904	38.95	ng	100
55) 4-Nitrophenol	9.95	139	43184	27.72	ng	86
56) 2,4-Dinitrotoluene	10.01	165	114903	34.53	ng	95
57) Fluorene	10.35	166	429482	37.86	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	104213	33.26	ng	99
59) Diethylphthalate	10.23	149	468648	39.84	ng	97
60) 4-Chlorophenyl-phenylether	10.34	204	200821	38.65	ng	96
61) 4-Nitroaniline	10.39	138	127330	43.65	ng	96
62) Azobenzene	10.50	77	411873	35.78	ng	98
64) 4,6-Dinitro-2-methylphenol	10.42	198	6682	4.21	ng	81
65) n-Nitrosodiphenylamine	10.47	169	369000	43.55	ng	100
66) 4-Bromophenyl-phenylether	10.83	248	113674	40.14	ng	92
67) Hexachlorobenzene	10.90	284	123712	40.39	ng #	86
68) Atrazine	10.99	200	82615	30.78	ng	98
69) Pentachlorophenol	11.11	266	47230	29.97	ng	99
70) Phenanthrene	11.31	178	539717	38.91	ng	100
71) Anthracene	11.37	178	604299	42.28	ng	99
72) Carbazole	11.53	167	514067	39.43	ng	98
73) Di-n-butylphthalate	11.85	149	688657	42.81	ng	100
74) Fluoranthene	12.50	202	530984	35.64	ng	96
76) Benzidine	12.64	184	332308	45.20	ng	100
77) Pyrene	12.73	202	550124	36.54	ng	99
79) Butylbenzylphthalate	13.37	149	273576	39.82	ng #	83
80) Benzo(a)anthracene	13.97	228	537734	40.74	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	219110	43.73	ng #	97
82) Chrysene	14.00	228	480871	34.57	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	384517	39.22	ng	100
84) Di-n-octyl phthalate	14.63	149	688888	40.92	ng	100
85) Indeno(1,2,3-cd)pyrene	16.88	276	404357	36.58	ng	97
87) Benzo(b)fluoranthene	15.08	252	479963m	37.02	ng	
88) Benzo(k)fluoranthene	15.10	252	474944m	43.59	ng	
89) Benzo(a)pyrene	15.43	252	436416	39.17	ng #	97
90) Dibenzo(a,h)anthracene	16.89	278	343447	37.62	ng	98
91) Benzo(g,h,i)perylene	17.30	276	319302	36.00	ng	98

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

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