

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
 Data File : BF080671.D
 Acq On : 27 Jul 2015 14:08
 Operator : TP/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

apatel
 7/29/2015 10:39:34 AM

Quant Time: Jul 27 16:00:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	29203	20.00	ng	-0.01
21) Naphthalene-d8	8.21	136	92292	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	32047	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	40800	20.00	ng	-0.01
75) Chrysene-d12	14.28	240	22504	20.00	ng	0.13
86) Perylene-d12	15.99	264	13565	20.00	ng	0.25

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	149080	85.96	ng	0.00
7) Phenol-d6	6.53	99	157484	76.03	ng	-0.01
23) Nitrobenzene-d5	7.48	82	155471	84.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	19020	66.06	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	219036	105.46	ng	-0.01
78) Terphenyl-d14	13.09	244	98740	94.48	ng	0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	29980	38.50	ng	94
3) Pyridine	3.26	79	86788	47.24	ng	86
4) n-Nitrosodimethylamine	3.16	42	47820	39.95	ng	99
6) Aniline	6.58	93	114120	38.93	ng	94
8) 2-Chlorophenol	6.70	128	74592	39.16	ng	82
9) Benzaldehyde	6.46	77	54692	40.42	ng	# 80
10) Phenol	6.54	94	86644	34.54	ng	90
11) bis(2-Chloroethyl)ether	6.65	93	62982	34.13	ng	89
12) 1,3-Dichlorobenzene	6.86	146	89758m	43.63	ng	
13) 1,4-Dichlorobenzene	6.94	146	84552m	39.69	ng	
14) 1,2-Dichlorobenzene	7.09	146	82801	39.52	ng	94
15) Benzyl Alcohol	7.06	79	63470	36.88	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	7.21	45	124026	39.57	ng	96
17) 2-Methylphenol	7.17	107	50514	33.34	ng	# 89
18) Hexachloroethane	7.44	117	29078	34.90	ng	# 85
19) n-Nitroso-di-n-propylamine	7.33	70	44550	29.80	ng	# 78
20) 3+4-Methylphenols	7.32	107	73815	37.57	ng	# 64
22) Acetophenone	7.33	105	92479	38.59	ng	# 75
24) Nitrobenzene	7.50	77	73215	39.97	ng	# 79
25) Isophorone	7.74	82	113254	35.14	ng	# 88
26) 2-Nitrophenol	7.82	139	27975	41.86	ng	# 92
27) 2,4-Dimethylphenol	7.86	122	56195	41.97	ng	92
28) bis(2-Chloroethoxy)methane	7.96	93	62282	33.34	ng	# 95
29) 2,4-Dichlorophenol	8.06	162	44233	34.63	ng	86
30) 1,2,4-Trichlorobenzene	8.16	180	56269	37.14	ng	# 97
31) Naphthalene	8.24	128	175872	38.03	ng	98
32) Benzoic acid	7.90	122	24534	33.40	ng	98
33) 4-Chloroaniline	8.28	127	65017	32.01	ng	# 86
34) Hexachlorobutadiene	8.35	225	35815	34.21	ng	99
35) Caprolactam	8.60	113	8418	23.02	ng	# 67
36) 4-Chloro-3-methylphenol	8.75	107	46002	33.57	ng	# 81
37) 2-Methylnaphthalene	8.92	142	111072	33.70	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	50247	54.28	ng	95
40) Hexachlorocyclopentadiene	9.08	237	31535	57.30	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	32745	51.86	nq	99
43) 2,4,5-Trichlorophenol	9.23	196	29146	44.06	nq #	91
45) 1,1'-Biphenyl	9.39	154	114010	50.91	nq	96
46) 2-Chloronaphthalene	9.41	162	102368	54.66	nq #	86
47) 2-Nitroaniline	9.50	65	21768	37.91	nq #	59
48) Acenaphthylene	9.82	152	139163	43.91	nq	100
49) Dimethylphthalate	9.68	163	76272	33.28	nq	98
50) 2,6-Dinitrotoluene	9.74	165	15500	37.87	nq #	45
51) Acenaphthene	10.00	154	79980	41.56	nq	99
52) 3-Nitroaniline	9.90	138	17649	36.25	nq #	91
53) 2,4-Dinitrophenol	10.01	184	3656	24.78	nq #	1
54) Dibenzofuran	10.17	168	104805	38.16	nq	96
55) 4-Nitrophenol	10.05	139	10838	28.20	nq #	68
56) 2,4-Dinitrotoluene	10.14	165	17404	32.18	nq #	50
57) Fluorene	10.51	166	80160	37.08	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	17894	33.90	nq	93
59) Diethylphthalate	10.38	149	75299	33.05	nq	98
60) 4-Chlorophenyl-phenylether	10.51	204	37705	39.24	nq	93
61) 4-Nitroaniline	10.51	138	13911	29.37	nq	94
62) Azobenzene	10.66	77	73739	33.81	nq	95
64) 4,6-Dinitro-2-methylphenol	10.54	198	5380	28.12	nq #	65
65) n-Nitrosodiphenylamine	10.62	169	61360	49.08	nq	100
66) 4-Bromophenyl-phenylether	11.00	248	18890	49.15	nq #	69
67) Hexachlorobenzene	11.06	284	20089	42.90	nq #	71
68) Atrazine	11.15	200	12862	35.39	nq	93
69) Pentachlorophenol	11.25	266	9421	40.34	nq	92
70) Phenanthrene	11.47	178	94723	42.06	nq	98
71) Anthracene	11.53	178	94862	43.67	nq	98
72) Carbazole	11.68	167	70237	35.70	nq	99
73) Di-n-butylphthalate	12.02	149	69352	28.46	nq	98
74) Fluoranthene	12.69	202	70209	32.26	nq	93
76) Benzidine	12.82	184	23762	31.06	nq	96
77) Pyrene	12.93	202	73859	52.40	nq	96
79) Butylbenzylphthalate	13.63	149	20850	34.20	nq	96
80) Benzo(a)anthracene	14.27	228	51591	39.07	nq	98
81) 3,3'-Dichlorobenzidine	14.24	252	15371	35.80	nq	96
82) Chrysene	14.32	228	49807	40.27	nq	97
83) Bis(2-ethylhexyl)phthalate	14.29	149	26508	28.86	nq	99
84) Di-n-octyl phthalate	15.06	149	35420	23.94	nq #	100
85) Indeno(1,2,3-cd)pyrene	17.47	276	23828	20.11	nq	95
87) Benzo(b)fluoranthene	15.54	252	34511	41.97	nq	98
88) Benzo(k)fluoranthene	15.56	252	34460m	46.80	nq	
89) Benzo(a)pyrene	15.92	252	30338	41.02	nq	96
90) Dibenzo(a,h)anthracene	17.51	278	19016	24.41	nq #	91
91) Benzo(g,h,i)perylene	17.93	276	18999	24.02	nq	99

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

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