

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095406.D
 Acq On : 25 May 2017 3:51
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 5/25/2017 8:52:51 AM

Quant Time: May 25 05:08:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	88359	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	345250	20.00	ng	-0.02
38) Acenaphthene-d10	12.60	164	141832	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	232050	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	202255	20.00	ng	-0.01
86) Perylene-d12	20.36	264	146658	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	450819	85.06	ng	-0.02
7) Phenol-d6	7.30	99	538911	84.75	ng	-0.02
23) Nitrobenzene-d5	8.65	82	444603	81.20	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	88352	76.06	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	855759	86.84	ng	-0.02
78) Terphenyl-d14	17.33	244	748104	81.47	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.16	88	103059	39.65	ng	93
3) Pyridine	2.86	79	227559	37.78	ng	99
4) n-Nitrosodimethylamine	2.78	42	82717	32.94	ng	86
6) Aniline	7.25	93	355004	44.22	ng	97
8) 2-Chlorophenol	7.44	128	257350	42.66	ng	96
9) Benzaldehyde	7.07	77	148193	38.17	ng	98
10) Phenol	7.32	94	306364	45.72	ng	90
11) bis(2-Chloroethyl)ether	7.38	93	239291	43.26	ng	98
12) 1,3-Dichlorobenzene	7.65	146	288473	42.16	ng	97
13) 1,4-Dichlorobenzene	7.77	146	292324	42.13	ng	96
14) 1,2-Dichlorobenzene	8.01	146	270642	41.78	ng	95
15) Benzyl Alcohol	8.04	79	178335	43.60	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.23	45	326898	41.75	ng	97
17) 2-Methylphenol	8.26	107	208627	42.26	ng	99
18) Hexachloroethane	8.52	117	72935	31.03	ng	# 85
19) n-Nitroso-di-n-propylamine	8.45	70	178362	41.47	ng	95
20) 3+4-Methylphenols	8.52	107	265983	39.65	ng	# 58
22) Acetophenone	8.42	105	349906	42.24	ng	# 85
24) Nitrobenzene	8.68	77	238860	41.62	ng	94
25) Isophorone	9.08	82	411417	42.08	ng	95
26) 2-Nitrophenol	9.19	139	93031	30.04	ng	94
27) 2,4-Dimethylphenol	9.33	122	213591	42.66	ng	99
28) bis(2-Chloroethoxy)methane	9.44	93	288594	42.67	ng	99
29) 2,4-Dichlorophenol	9.63	162	178655	37.79	ng	99
30) 1,2,4-Trichlorobenzene	9.70	180	209247	41.32	ng	99
31) Naphthalene	9.80	128	711972	41.03	ng	99
32) Benzoic acid	9.63	122	58043	20.87	ng	93
33) 4-Chloroaniline	9.94	127	276403	42.74	ng	# 92
34) Hexachlorobutadiene	10.01	225	109428	40.95	ng	97
35) Caprolactam	10.57	113	55572	39.15	ng	93
36) 4-Chloro-3-methylphenol	10.81	107	200011	39.57	ng	89
37) 2-Methylnaphthalene	10.92	142	462132	40.58	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	185756	42.59	ng	98
40) Hexachlorocyclopentadiene	11.18	237	2811	7.47	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	118495	40.69	nq	97
43) 2,4,5-Trichlorophenol	11.54	196	116594	37.25	nq	96
45) 1,1'-Biphenyl	11.69	154	530436	44.42	nq	98
46) 2-Chloronaphthalene	11.71	162	404055	41.90	nq	96
47) 2-Nitroaniline	11.94	65	114067	43.22	nq	# 82
48) Acenaphthylene	12.37	152	587236	38.88	nq	98
49) Dimethylphthalate	12.24	163	497645	42.74	nq	98
50) 2,6-Dinitrotoluene	12.34	165	85707	36.08	nq	93
51) Acenaphthene	12.65	154	362178	40.15	nq	98
52) 3-Nitroaniline	12.62	138	111528	43.74	nq	87
54) Dibenzofuran	12.94	168	492556	39.46	nq	97
55) 4-Nitrophenol	13.09	139	36356	23.74	nq	# 71
56) 2,4-Dinitrotoluene	13.02	165	99512	32.60	nq	# 94
57) Fluorene	13.49	166	421170	38.80	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.19	232	75446	38.30	nq	# 93
59) Diethylphthalate	13.38	149	462736	41.46	nq	98
60) 4-Chlorophenyl-phenylether	13.52	204	193189	40.50	nq	90
61) 4-Nitroaniline	13.62	138	86628	37.01	nq	92
62) Azobenzene	13.78	77	346604	38.65	nq	92
64) 4,6-Dinitro-2-methylphenol	13.71	198	9310	5.98	nq	# 1
65) n-Nitrosodiphenylamine	13.72	169	360789	42.84	nq	99
66) 4-Bromophenyl-phenylether	14.31	248	103426	42.19	nq	95
67) Hexachlorobenzene	14.39	284	101366	40.35	nq	# 88
68) Atrazine	14.64	200	78679	33.09	nq	95
69) Pentachlorophenol	14.77	266	39024	37.70	nq	93
70) Phenanthrene	15.04	178	536771	40.26	nq	98
71) Anthracene	15.12	178	538786	39.56	nq	97
72) Carbazole	15.41	167	507886	40.99	nq	98
73) Di-n-butylphthalate	15.97	149	688216	44.54	nq	99
74) Fluoranthene	16.79	202	585762	42.83	nq	98
76) Benzidine	17.02	184	448502	77.33	nq	# 93
77) Pyrene	17.09	202	607067	40.13	nq	99
79) Butylbenzylphthalate	17.98	149	299945	42.63	nq	# 86
80) Benzo(a)anthracene	18.67	228	464168	39.43	nq	98
81) 3,3'-Dichlorobenzidine	18.65	252	169332	41.65	nq	# 93
82) Chrysene	18.72	228	453225	39.82	nq	99
83) Bis(2-ethylhexyl)phthalate	18.73	149	415981	41.50	nq	# 99
84) Di-n-octyl phthalate	19.49	149	714333	43.46	nq	96
85) Indeno(1,2,3-cd)pyrene	21.69	276	317004	34.30	nq	99
87) Benzo(b)fluoranthene	19.95	252	377664	41.67	nq	98
88) Benzo(k)fluoranthene	19.98	252	362781m	41.50	nq	
89) Benzo(a)pyrene	20.30	252	334111	39.96	nq	98
90) Dibenzo(a,h)anthracene	21.69	278	270025	39.10	nq	97
91) Benzo(g,h,i)perylene	22.08	276	276006	40.73	nq	100

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

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