

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098095.D
 Acq On : 29 Aug 2017 5:11
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 29 07:57:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	97785	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	397798	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	180621	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	370962	20.00	ng	0.00
75) Chrysene-d12	13.90	240	312700	20.00	ng	0.00
86) Perylene-d12	15.32	264	304717	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	522346	81.25	ng	-0.01
7) Phenol-d6	6.38	99	721306	82.58	ng	0.00
23) Nitrobenzene-d5	7.31	82	647472	88.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	138587	88.43	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	936433	76.17	ng	0.00
78) Terphenyl-d14	12.85	244	1013260	67.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	140208	39.107	ng	89
3) Pyridine	3.08	79	399327	40.290	ng	87
4) n-Nitrosodimethylamine	3.04	42	145734	38.214	ng	# 75
6) Aniline	6.40	93	485530	39.569	ng	97
8) 2-Chlorophenol	6.53	128	282312	41.641	ng	100
9) Benzaldehyde	6.29	77	212545	38.417	ng	87
10) Phenol	6.39	94	423477	41.454	ng	98
11) bis(2-Chloroethyl)ether	6.48	93	302644	39.251	ng	98
12) 1,3-Dichlorobenzene	6.68	146	288649	39.581	ng	# 92
13) 1,4-Dichlorobenzene	6.76	146	296694	40.002	ng	# 92
14) 1,2-Dichlorobenzene	6.91	146	276099	40.372	ng	99
15) Benzyl Alcohol	6.89	79	261816	40.036	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.02	45	387021	37.306	ng	90
17) 2-Methylphenol	7.00	107	240606	40.272	ng	97
18) Hexachloroethane	7.25	117	107028	36.806	ng	# 80
19) n-Nitroso-di-n-propylamine	7.16	70	224925	37.617	ng	89
20) 3+4-Methylphenols	7.16	107	299189	41.000	ng	91
22) Acetophenone	7.16	105	399208	37.988	ng	# 89
24) Nitrobenzene	7.33	77	348767	42.776	ng	93
25) Isophorone	7.57	82	576772	37.880	ng	97
26) 2-Nitrophenol	7.65	139	139190	47.217	ng	# 83
27) 2,4-Dimethylphenol	7.69	122	252151	39.707	ng	95
28) bis(2-Chloroethoxy)methane	7.78	93	383943	38.355	ng	99
29) 2,4-Dichlorophenol	7.89	162	214708	40.732	ng	93
30) 1,2,4-Trichlorobenzene	7.97	180	228438	39.092	ng	98
31) Naphthalene	8.05	128	813127	39.373	ng	99
32) Benzoic acid	7.82	122	192864	42.527	ng	90
33) 4-Chloroaniline	8.10	127	354208	40.669	ng	99
34) Hexachlorobutadiene	8.16	225	130991	38.393	ng	98
35) Caprolactam	8.48	113	82320	45.937	ng	92
36) 4-Chloro-3-methylphenol	8.59	107	279553	41.277	ng	# 80
37) 2-Methylnaphthalene	8.74	142	508699	40.177	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	219800	39.652	ng	98
40) Hexachlorocyclopentadiene	8.89	237	37704	14.158	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	152413	40.954	nq	99
43) 2,4,5-Trichlorophenol	9.06	196	156160	42.296	nq	95
45) 1,1'-Biphenyl	9.20	154	650447	39.491	nq	96
46) 2-Chloronaphthalene	9.23	162	476425	39.148	nq	# 93
47) 2-Nitroaniline	9.33	65	196804	48.238	nq	96
48) Acenaphthylene	9.64	152	765156	40.037	nq	99
49) Dimethylphthalate	9.50	163	535299	40.544	nq	99
50) 2,6-Dinitrotoluene	9.57	165	117542	44.601	nq	# 68
51) Acenaphthene	9.82	154	461755	38.310	nq	98
52) 3-Nitroaniline	9.74	138	161680	47.550	nq	97
53) 2,4-Dinitrophenol	9.84	184	32029	32.452	nq	# 75
54) Dibenzofuran	9.98	168	638574	39.530	nq	99
55) 4-Nitrophenol	9.90	139	115005	42.400	nq	# 37
56) 2,4-Dinitrotoluene	9.97	165	157325	47.568	nq	# 52
57) Fluorene	10.33	166	514794	41.219	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.10	232	122951	43.012	nq	93
59) Diethylphthalate	10.20	149	543457	39.362	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	236825	40.816	nq	90
61) 4-Nitroaniline	10.35	138	164170	50.801	nq	79
62) Azobenzene	10.48	77	635859	38.771	nq	94
64) 4,6-Dinitro-2-methylphenol	10.38	198	57279	35.407	nq	# 77
65) n-Nitrosodiphenylamine	10.44	169	475959	37.678	nq	98
66) 4-Bromophenyl-phenylether	10.81	248	145746	37.834	nq	91
67) Hexachlorobenzene	10.87	284	151455	38.573	nq	# 91
68) Atrazine	10.97	200	120647	36.013	nq	99
69) Pentachlorophenol	11.07	266	86001	37.566	nq	99
70) Phenanthrene	11.29	178	766652	38.783	nq	100
71) Anthracene	11.34	178	791455	39.475	nq	99
72) Carbazole	11.49	167	769804	40.449	nq	98
73) Di-n-butylphthalate	11.83	149	897441	40.939	nq	99
74) Fluoranthene	12.47	202	846661	41.035	nq	99
76) Benzidine	12.60	184	400434	39.056	nq	# 93
77) Pyrene	12.70	202	870434	34.034	nq	99
79) Butylbenzylphthalate	13.32	149	395729	40.357	nq	# 78
80) Benzo(a)anthracene	13.89	228	689544	36.793	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	276614	43.740	nq	# 96
82) Chrysene	13.92	228	698099	37.445	nq	100
83) Bis(2-ethylhexyl)phthalate	13.88	149	485167	44.651	nq	# 99
84) Di-n-octyl phthalate	14.49	149	911539	48.215	nq	99
85) Indeno(1,2,3-cd)pyrene	16.70	276	652128	47.549	nq	94
87) Benzo(b)fluoranthene	14.91	252	772219	40.205	nq	99
88) Benzo(k)fluoranthene	14.94	252	627314	34.763	nq	# 95
89) Benzo(a)pyrene	15.26	252	672440	39.547	nq	99
90) Dibenzo(a,h)anthracene	16.72	278	559727	40.434	nq	97
91) Benzo(g,h,i)perylene	17.12	276	551089	38.153	nq	# 93

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

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