

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097685.D
 Acq On : 15 Aug 2017 12:25
 Operator : SJ/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICBF081517

Quant Time: Aug 15 13:25:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	129440	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	512598	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	225959	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	441564	20.00	ng	0.00
75) Chrysene-d12	13.94	240	310466	20.00	ng	0.00
86) Perylene-d12	15.36	264	249553	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	669137	78.63	ng	0.00
7) Phenol-d6	6.41	99	908536	78.58	ng	0.00
23) Nitrobenzene-d5	7.35	82	810967	85.95	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	168811	86.10	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1186281	77.13	ng	0.00
78) Terphenyl-d14	12.89	244	1152324	77.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	186035	39.200	ng	90
3) Pyridine	3.20	79	525982	40.091	ng	90
4) n-Nitrosodimethylamine	3.16	42	202467	40.107	ng	89
6) Aniline	6.45	93	628591	38.700	ng	98
8) 2-Chlorophenol	6.57	128	354187	39.466	ng	97
9) Benzaldehyde	6.33	77	293747	40.109	ng	90
10) Phenol	6.42	94	559858	41.401	ng	95
11) bis(2-Chloroethyl)ether	6.52	93	400617	39.251	ng	98
12) 1,3-Dichlorobenzene	6.72	146	381626	39.533	ng	# 90
13) 1,4-Dichlorobenzene	6.80	146	386478	39.365	ng	94
14) 1,2-Dichlorobenzene	6.96	146	359856	39.751	ng	100
15) Benzyl Alcohol	6.93	79	350747	40.518	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	542138	39.479	ng	92
17) 2-Methylphenol	7.03	107	312436	39.505	ng	96
18) Hexachloroethane	7.30	117	156172	40.572	ng	# 79
19) n-Nitroso-di-n-propylamine	7.20	70	312175	39.441	ng	92
20) 3+4-Methylphenols	7.19	107	383848	39.737	ng	96
22) Acetophenone	7.20	105	524568	38.737	ng	# 85
24) Nitrobenzene	7.37	77	455523	43.358	ng	93
25) Isophorone	7.61	82	776903	39.596	ng	96
26) 2-Nitrophenol	7.68	139	158632	42.368	ng	# 71
27) 2,4-Dimethylphenol	7.72	122	321788	39.325	ng	94
28) bis(2-Chloroethoxy)methane	7.82	93	507978	39.381	ng	99
29) 2,4-Dichlorophenol	7.92	162	272807	40.163	ng	94
30) 1,2,4-Trichlorobenzene	8.01	180	299303	39.748	ng	100
31) Naphthalene	8.09	128	1045892	39.302	ng	100
32) Benzoic acid	7.85	122	246911	42.293	ng	# 82
33) 4-Chloroaniline	8.14	127	434510	38.716	ng	99
34) Hexachlorobutadiene	8.21	225	173708	39.511	ng	97
35) Caprolactam	8.52	113	95812	41.491	ng	97
36) 4-Chloro-3-methylphenol	8.62	107	349685	40.069	ng	# 79
37) 2-Methylnaphthalene	8.78	142	647523	39.688	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	270557	39.015	ng	98
40) Hexachlorocyclopentadiene	8.93	237	144405	43.346	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	189730	40.752	nq	98
43) 2,4,5-Trichlorophenol	9.09	196	194457	42.101	nq	98
45) 1,1'-Biphenyl	9.25	154	825054	40.041	nq	96
46) 2-Chloronaphthalene	9.27	162	600353	39.433	nq #	91
47) 2-Nitroaniline	9.36	65	229520	44.969	nq	95
48) Acenaphthylene	9.69	152	952937	39.858	nq	100
49) Dimethylphthalate	9.55	163	666230	40.336	nq	99
50) 2,6-Dinitrotoluene	9.60	165	142882	43.338	nq #	46
51) Acenaphthene	9.86	154	610105	40.461	nq	99
52) 3-Nitroaniline	9.77	138	181971	42.780	nq	83
53) 2,4-Dinitrophenol	9.87	184	58514	42.722	nq #	80
54) Dibenzofuran	10.03	168	803727	39.771	nq	99
55) 4-Nitrophenol	9.92	139	145473	42.872	nq #	31
56) 2,4-Dinitrotoluene	10.00	165	184778	44.659	nq #	43
57) Fluorene	10.37	166	614381	39.322	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	150120	41.980	nq	97
59) Diethylphthalate	10.25	149	702272	40.658	nq	100
60) 4-Chlorophenyl-phenylether	10.36	204	289274	39.853	nq	89
61) 4-Nitroaniline	10.39	138	178730	44.209	nq #	66
62) Azobenzene	10.52	77	824974	40.209	nq	92
64) 4,6-Dinitro-2-methylphenol	10.41	198	85011	42.094	nq	93
65) n-Nitrosodiphenylamine	10.48	169	583023	38.774	nq	98
66) 4-Bromophenyl-phenylether	10.85	248	181162	39.509	nq	98
67) Hexachlorobenzene	10.92	284	183231	39.205	nq #	91
68) Atrazine	11.01	200	159234	39.931	nq	97
69) Pentachlorophenol	11.10	266	121120	44.447	nq	97
70) Phenanthrene	11.33	178	905609	38.488	nq	100
71) Anthracene	11.38	178	933579	39.119	nq	99
72) Carbazole	11.53	167	886320	39.125	nq	99
73) Di-n-butylphthalate	11.87	149	1065022	40.816	nq	99
74) Fluoranthene	12.52	202	975549	39.722	nq	99
76) Benzidine	12.63	184	427273	41.974	nq	98
77) Pyrene	12.74	202	1001736	39.450	nq	98
79) Butylbenzylphthalate	13.37	149	408099	41.918	nq #	69
80) Benzo(a)anthracene	13.93	228	748291	40.215	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	269214	42.876	nq #	96
82) Chrysene	13.96	228	738034	39.872	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	465875	43.184	nq #	99
84) Di-n-octyl phthalate	14.54	149	806628	42.972	nq	100
85) Indeno(1,2,3-cd)pyrene	16.76	276	537252	39.455	nq	95
87) Benzo(b)fluoranthene	14.96	252	619866	39.406	nq	98
88) Benzo(k)fluoranthene	14.99	252	601571	40.706	nq #	94
89) Benzo(a)pyrene	15.30	252	558122	40.079	nq	100
90) Dibenzo(a,h)anthracene	16.79	278	455754	40.201	nq	98
91) Benzo(g,h,i)perylene	17.19	276	466373	39.426	nq	94

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

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