

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099754.D
 Acq On : 23 Oct 2017 12:15
 Operator : SJ/JU
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Quant Time: Oct 23 14:26:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 14:23:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	96178	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	403814	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	190615	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	349284	20.00	ng	0.00
75) Chrysene-d12	13.98	240	292176	20.00	ng	0.00
86) Perylene-d12	15.44	264	278899	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	323483	53.54	ng	0.00
7) Phenol-d6	6.45	99	377673	50.67	ng	0.00
23) Nitrobenzene-d5	7.37	82	317120	50.36	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	90404	57.96	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	657716	57.60	ng	0.00
78) Terphenyl-d14	12.92	244	665787	51.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	69645	24.132	ng	# 89
3) Pyridine	3.32	79	167093	21.402	ng	# 89
4) n-Nitrosodimethylamine	3.26	42	58385	17.635	ng	# 71
6) Aniline	6.47	93	246215	24.477	ng	93
8) 2-Chlorophenol	6.59	128	172520	25.215	ng	91
9) Benzaldehyde	6.36	77	114505	26.485	ng	88
10) Phenol	6.46	94	210724	25.281	ng	94
11) bis(2-Chloroethyl)ether	6.54	93	158451	24.452	ng	95
12) 1,3-Dichlorobenzene	6.75	146	191750	26.760	ng	95
13) 1,4-Dichlorobenzene	6.82	146	193730	26.573	ng	98
14) 1,2-Dichlorobenzene	6.97	146	181932	27.008	ng	96
15) Benzyl Alcohol	6.95	79	125067	22.874	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	177277	17.559	ng	59
17) 2-Methylphenol	7.06	107	132911	23.741	ng	99
18) Hexachloroethane	7.31	117	64329	24.549	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	112550	23.652	ng	91
20) 3+4-Methylphenols	7.22	107	174082	24.580	ng	# 63
22) Acetophenone	7.22	105	237789	24.305	ng	97
24) Nitrobenzene	7.39	77	159530	22.334	ng	93
25) Isophorone	7.63	82	284528	21.855	ng	98
26) 2-Nitrophenol	7.71	139	92603	26.960	ng	# 85
27) 2,4-Dimethylphenol	7.75	122	135468	20.884	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	204484	25.204	ng	97
29) 2,4-Dichlorophenol	7.95	162	142128	25.520	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	149622	26.861	ng	98
31) Naphthalene	8.11	128	492571	25.972	ng	99
32) Benzoic acid	7.89	122	117214	21.998	ng	91
33) 4-Chloroaniline	8.16	127	208913	26.378	ng	96
34) Hexachlorobutadiene	8.22	225	78250	27.274	ng	99
35) Caprolactam	8.54	113	43902	24.574	ng	# 82
36) 4-Chloro-3-methylphenol	8.65	107	144425	23.071	ng	93
37) 2-Methylnaphthalene	8.80	142	335849	27.240	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	156843	27.591	ng	# 97
40) Hexachlorocyclopentadiene	8.95	237	13878	5.342	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	95222	23.645	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	99189	24.673	nq	# 91
45) 1,1'-Biphenyl	9.26	154	440531	26.891	nq	98
46) 2-Chloronaphthalene	9.29	162	314466	25.566	nq	96
47) 2-Nitroaniline	9.40	65	83664	22.214	nq	# 81
48) Acenaphthylene	9.70	152	501923	26.656	nq	99
49) Dimethylphthalate	9.56	163	383832	26.680	nq	100
50) 2,6-Dinitrotoluene	9.64	165	81017	25.867	nq	# 75
51) Acenaphthene	9.88	154	305437	25.608	nq	97
52) 3-Nitroaniline	9.81	138	97707	26.755	nq	89
53) 2,4-Dinitrophenol	9.93	184	24338	17.218	nq	# 79
54) Dibenzofuran	10.05	168	429988	27.076	nq	98
55) 4-Nitrophenol	9.99	139	49562	16.050	nq	82
56) 2,4-Dinitrotoluene	10.05	165	100613	24.752	nq	# 98
57) Fluorene	10.39	166	359636	28.175	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	71651	25.801	nq	94
59) Diethylphthalate	10.26	149	373143	26.544	nq	97
60) 4-Chlorophenyl-phenylether	10.38	204	166821	29.094	nq	95
61) 4-Nitroaniline	10.43	138	91576	25.992	nq	84
62) Azobenzene	10.55	77	316217	24.464	nq	90
64) 4,6-Dinitro-2-methylphenol	10.46	198	53265	25.064	nq	# 72
65) n-Nitrosodiphenylamine	10.50	169	329929	27.266	nq	98
66) 4-Bromophenyl-phenylether	10.87	248	94078	27.517	nq	97
67) Hexachlorobenzene	10.95	284	96170	26.337	nq	# 90
68) Atrazine	11.03	200	98732	27.120	nq	99
69) Pentachlorophenol	11.15	266	38003	16.722	nq	99
70) Phenanthrene	11.36	178	508142	27.179	nq	98
71) Anthracene	11.41	178	519386	27.151	nq	99
72) Carbazole	11.57	167	488287	26.065	nq	99
73) Di-n-butylphthalate	11.89	149	625946	27.760	nq	98
74) Fluoranthene	12.55	202	534030	28.208	nq	97
76) Benzidine	12.67	184	316946	29.329	nq	100
77) Pyrene	12.78	202	545702	24.493	nq	99
79) Butylbenzylphthalate	13.39	149	276631	26.419	nq	88
80) Benzo(a)anthracene	13.97	228	464190	26.237	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	182578	28.151	nq	99
82) Chrysene	14.01	228	436654	25.924	nq	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	387162	26.853	nq	98
84) Di-n-octyl phthalate	14.55	149	668177	28.781	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.92	276	409683	30.406	nq	96
87) Benzo(b)fluoranthene	15.02	252	430319	25.095	nq	99
88) Benzo(k)fluoranthene	15.05	252	422794	24.963	nq	99
89) Benzo(a)pyrene	15.39	252	400272	25.429	nq	98
90) Dibenzo(a,h)anthracene	16.93	278	352720	28.000	nq	98
91) Benzo(g,h,i)perylene	17.36	276	342844	27.533	nq	97

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

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