

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
 Data File : BM003723.D
 Acq On : 23 Dec 2015 00:15
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Dec 23 03:09:38 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	46913	20.00	ng	-0.03
21) Naphthalene-d8	10.48	136	192396	20.00	ng	-0.04
38) Acenaphthene-d10	14.34	164	99828	20.00	ng	-0.03
63) Phenanthrene-d10	17.09	188	207766	20.00	ng	-0.03
75) Chrysene-d12	21.29	240	222019	20.00	ng	-0.03
86) Perylene-d12	23.53	264	221399	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	227508	86.22	ng	-0.03
7) Phenol-d6	6.87	99	295812	80.73	ng	-0.02
23) Nitrobenzene-d5	8.85	82	274682	88.52	ng	-0.03
41) 2,4,6-Tribromophenol	15.84	330	83780	84.03	ng	-0.03
44) 2-Fluorobiphenyl	12.96	172	593953	81.06	ng	-0.03
78) Terphenyl-d14	19.73	244	750349	79.70	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.19	88	47252	43.16	ng	# 100
3) Pyridine	3.58	79	130390	42.51	ng	90
4) n-Nitrosodimethylamine	3.50	42	45060	45.89	ng	89
6) Aniline	7.02	93	192827	39.98	ng	97
8) 2-Chlorophenol	7.26	128	134966	40.39	ng	97
9) Benzaldehyde	6.83	77	73164	40.72	ng	98
10) Phenol	6.89	94	157466	40.50	ng	# 73
11) bis(2-Chloroethyl)ether	7.12	93	121685	38.68	ng	98
12) 1,3-Dichlorobenzene	7.58	146	149658	40.78	ng	98
13) 1,4-Dichlorobenzene	7.73	146	152153	40.20	ng	97
14) 1,2-Dichlorobenzene	8.04	146	144832	40.08	ng	96
15) Benzyl Alcohol	7.93	79	101570	40.06	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.22	45	137818	41.02	ng	93
17) 2-Methylphenol	8.14	107	106826	39.30	ng	98
18) Hexachloroethane	8.76	117	53782	41.36	ng	93
19) n-Nitroso-di-n-propylamine	8.50	70	92242	38.38	ng	89
20) 3+4-Methylphenols	8.47	107	143798	38.24	ng	97
22) Acetophenone	8.51	105	192931	40.91	ng	# 92
24) Nitrobenzene	8.89	77	145668	43.42	ng	91
25) Isophorone	9.41	82	253454	40.38	ng	96
26) 2-Nitrophenol	9.60	139	69779	41.12	ng	# 88
27) 2,4-Dimethylphenol	9.66	122	121285	41.05	ng	94
28) bis(2-Chloroethoxy)methane	9.90	93	150001	39.77	ng	99
29) 2,4-Dichlorophenol	10.13	162	115515	41.04	ng	99
30) 1,2,4-Trichlorobenzene	10.35	180	128943	41.03	ng	97
31) Naphthalene	10.53	128	410247	40.75	ng	99
32) Benzoic acid	9.81	122	68864	39.72	ng	97
33) 4-Chloroaniline	10.65	127	164996	39.70	ng	# 94
34) Hexachlorobutadiene	10.82	225	76427	41.01	ng	97
35) Caprolactam	11.41	113	36288	39.00	ng	# 78
36) 4-Chloro-3-methylphenol	11.78	107	125726	39.62	ng	89
37) 2-Methylnaphthalene	12.15	142	269888	39.08	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	130980	40.81	ng	# 100
40) Hexachlorocyclopentadiene	12.50	237	67886	37.92	ng	98

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42) 2,4,6-Trichlorophenol	12.77	196	88210	42.14	nq	99
43) 2,4,5-Trichlorophenol	12.85	196	92045	41.84	nq	# 90
45) 1,1'-Biphenyl	13.17	154	354125	40.00	nq	98
46) 2-Chloronaphthalene	13.22	162	271747	41.79	nq	# 92
47) 2-Nitroaniline	13.43	65	70581	43.76	nq	98
48) Acenaphthylene	14.07	152	451090	41.61	nq	100
49) Dimethylphthalate	13.81	163	329365	40.04	nq	# 99
50) 2,6-Dinitrotoluene	13.93	165	70969	41.35	nq	97
51) Acenaphthene	14.41	154	258478	41.15	nq	100
52) 3-Nitroaniline	14.26	138	76502	43.55	nq	84
53) 2,4-Dinitrophenol	14.47	184	33028	37.96	nq	# 84
54) Dibenzofuran	14.74	168	368943	40.66	nq	93
55) 4-Nitrophenol	14.57	139	61050	42.09	nq	78
56) 2,4-Dinitrotoluene	14.72	165	96436	43.30	nq	# 72
57) Fluorene	15.40	166	316706	42.11	nq	98
58) 2,3,4,6-Tetrachlorophenol	14.97	232	71900	42.52	nq	# 100
59) Diethylphthalate	15.17	149	330509	40.92	nq	98
60) 4-Chlorophenyl-phenylether	15.39	204	153799	40.44	nq	93
61) 4-Nitroaniline	15.42	138	80135	44.67	nq	# 72
62) Azobenzene	15.69	77	277539	43.83	nq	98
64) 4,6-Dinitro-2-methylphenol	15.49	198	51890	41.40	nq	86
65) n-Nitrosodiphenylamine	15.61	169	269909	41.09	nq	98
66) 4-Bromophenyl-phenylether	16.29	248	88697	39.59	nq	# 83
67) Hexachlorobenzene	16.40	284	96334	40.03	nq	# 82
68) Atrazine	16.56	200	89729	43.80	nq	97
69) Pentachlorophenol	16.75	266	52272	38.05	nq	98
70) Phenanthrene	17.14	178	485261	41.62	nq	100
71) Anthracene	17.23	178	489663	42.27	nq	99
72) Carbazole	17.50	167	454207	45.00	nq	100
73) Di-n-butylphthalate	18.06	149	529986	44.92	nq	99
74) Fluoranthene	19.16	202	541987	45.08	nq	97
76) Benzidine	19.35	184	305233	42.91	nq	99
77) Pyrene	19.53	202	566131	36.36	nq	99
79) Butylbenzylphthalate	20.43	149	237778	39.66	nq	91
80) Benzo(a)anthracene	21.28	228	542812	40.78	nq	99
81) 3,3'-Dichlorobenzidine	21.22	252	196795	46.43	nq	99
82) Chrysene	21.33	228	514332	40.15	nq	100
83) Bis(2-ethylhexyl)phthalate	21.21	149	342260	41.62	nq	99
84) Di-n-octyl phthalate	22.09	149	593430	43.68	nq	# 96
85) Indeno(1,2,3-cd)pyrene	25.80	276	632158	46.96	nq	# 100
87) Benzo(b)fluoranthene	22.86	252	544474	40.46	nq	98
88) Benzo(k)fluoranthene	22.91	252	520424	39.61	nq	99
89) Benzo(a)pyrene	23.44	252	520821	41.14	nq	# 98
90) Dibenzo(a,h)anthracene	25.81	278	528413	42.75	nq	98
91) Benzo(g,h,i)perylene	26.50	276	523766	41.95	nq	99

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

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