

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060517\
 Data File : BF095675.D
 Acq On : 5 Jun 2017 16:09
 Operator : SJ/MA
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060517

Quant Time: Jun 05 16:37:42 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	110073	20.00	ng	0.00
21) Naphthalene-d8	9.43	136	465372	20.00	ng	0.00
38) Acenaphthene-d10	12.26	164	205053	20.00	ng	0.00
63) Phenanthrene-d10	14.64	188	340766	20.00	ng	0.00
75) Chrysene-d12	18.36	240	282919	20.00	ng	0.00
86) Perylene-d12	20.02	264	246437	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	593373	85.90	ng	0.00
7) Phenol-d6	6.96	99	717950	86.82	ng	0.00
23) Nitrobenzene-d5	8.32	82	585554	78.14	ng	0.00
41) 2,4,6-Tribromophenol	13.55	330	139770	77.04	ng	0.00
44) 2-Fluorobiphenyl	11.22	172	1161304	78.81	ng	0.00
78) Terphenyl-d14	17.02	244	919156	80.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.72	88	125693	38.249	ng	94
3) Pyridine	2.28	79	315911	40.903	ng	97
4) n-Nitrosodimethylamine	2.25	42	118666	40.414	ng	84
6) Aniline	6.90	93	452709	41.844	ng	96
8) 2-Chlorophenol	7.08	128	313888	42.736	ng	97
9) Benzaldehyde	6.70	77	241093	43.219	ng	99
10) Phenol	6.97	94	377993	44.062	ng	89
11) bis(2-Chloroethyl)ether	7.05	93	291731	42.928	ng	98
12) 1,3-Dichlorobenzene	7.30	146	342354	41.180	ng	98
13) 1,4-Dichlorobenzene	7.43	146	341269	40.479	ng	96
14) 1,2-Dichlorobenzene	7.66	146	319707	41.135	ng	96
15) Benzyl Alcohol	7.70	79	231784	40.835	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.90	45	386605	40.490	ng	97
17) 2-Methylphenol	7.92	107	247735	40.191	ng	97
18) Hexachloroethane	8.18	117	114580	41.150	ng	# 87
19) n-Nitroso-di-n-propylamine	8.13	70	215653	41.149	ng	94
20) 3+4-Methylphenols	8.19	107	327824	41.898	ng	# 61
22) Acetophenone	8.09	105	424946	39.013	ng	# 84
24) Nitrobenzene	8.35	77	313051	39.109	ng	92
25) Isophorone	8.75	82	544433	38.911	ng	95
26) 2-Nitrophenol	8.86	139	171282	40.864	ng	98
27) 2,4-Dimethylphenol	9.00	122	267003	41.047	ng	99
28) bis(2-Chloroethoxy)methane	9.13	93	379411	41.138	ng	99
29) 2,4-Dichlorophenol	9.27	162	261285	41.707	ng	96
30) 1,2,4-Trichlorobenzene	9.36	180	264247	40.537	ng	99
31) Naphthalene	9.47	128	901255	38.589	ng	99
32) Benzoic acid	9.36	122	156486	39.506	ng	91
33) 4-Chloroaniline	9.61	127	371345	40.679	ng	# 92
34) Hexachlorobutadiene	9.69	225	132858	39.444	ng	97
35) Caprolactam	10.25	113	75264	40.375	ng	86
36) 4-Chloro-3-methylphenol	10.48	107	252833	38.554	ng	88
37) 2-Methylnaphthalene	10.59	142	596433	37.796	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.87	216	249643	40.679	ng	99
40) Hexachlorocyclopentadiene	10.85	237	60852	38.431	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.10	196	159989	40.548	ng	98
43) 2,4,5-Trichlorophenol	11.18	196	170323	40.583	ng	90
45) 1,1'-Biphenyl	11.36	154	672763	39.808	ng	97
46) 2-Chloronaphthalene	11.37	162	530163	40.149	ng	95
47) 2-Nitroaniline	11.59	65	159613	41.306	ng	# 77
48) Acenaphthylene	12.03	152	907692	40.199	ng	99
49) Dimethylphthalate	11.92	163	628875	40.393	ng	99
50) 2,6-Dinitrotoluene	12.01	165	135963	40.037	ng	# 85
51) Acenaphthene	12.31	154	526009	40.335	ng	99
52) 3-Nitroaniline	12.27	138	163487	41.321	ng	89
53) 2,4-Dinitrophenol	12.49	184	67846	38.903	ng	# 71
54) Dibenzofuran	12.60	168	734602	40.024	ng	97
55) 4-Nitrophenol	12.67	139	88832	40.857	ng	# 52
56) 2,4-Dinitrotoluene	12.67	165	191075	41.657	ng	# 92
57) Fluorene	13.15	166	648203	40.583	ng	99
58) 2,3,4,6-Tetrachlorophenol	12.84	232	122542	42.674	ng	# 93
59) Diethylphthalate	13.06	149	598010	39.912	ng	97
60) 4-Chlorophenyl-phenylether	13.18	204	281869	40.580	ng	89
61) 4-Nitroaniline	13.27	138	151412	40.987	ng	96
62) Azobenzene	13.43	77	554007	40.798	ng	95
64) 4,6-Dinitro-2-methylphenol	13.34	198	96178	42.939	ng	# 66
65) n-Nitrosodiphenylamine	13.39	169	501938	40.992	ng	99
66) 4-Bromophenyl-phenylether	13.96	248	151061	42.654	ng	97
67) Hexachlorobenzene	14.04	284	145595	41.720	ng	# 87
68) Atrazine	14.31	200	142776	41.897	ng	96
69) Pentachlorophenol	14.40	266	49188	40.706	ng	97
70) Phenanthrene	14.69	178	796967	40.534	ng	98
71) Anthracene	14.77	178	830440	40.456	ng	97
72) Carbazole	15.06	167	843300	42.157	ng	98
73) Di-n-butylphthalate	15.66	149	886942	41.676	ng	98
74) Fluoranthene	16.46	202	847760	43.563	ng	98
76) Benzidine	16.69	184	434849	40.020	ng	98
77) Pyrene	16.76	202	868308	41.132	ng	99
79) Butylbenzylphthalate	17.69	149	396445	43.001	ng	90
80) Benzo(a)anthracene	18.34	228	661032	40.187	ng	98
81) 3,3'-Dichlorobenzidine	18.33	252	236107	40.373	ng	# 96
82) Chrysene	18.39	228	668785	40.685	ng	99
83) Bis(2-ethylhexyl)phthalate	18.43	149	542015	41.677	ng	# 99
84) Di-n-octyl phthalate	19.20	149	892817	41.662	ng	96
85) Indeno(1,2,3-cd)pyrene	21.20	276	546881	38.883	ng	99
87) Benzo(b)fluoranthene	19.62	252	649087	42.064	ng	97
88) Benzo(k)fluoranthene	19.64	252	592834	40.193	ng	96
89) Benzo(a)pyrene	19.97	252	562328	39.648	ng	99
90) Dibenzo(a,h)anthracene	21.20	278	467120	38.827	ng	97
91) Benzo(g,h,i)perylene	21.53	276	477225	38.908	ng	96

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

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