

Data Path : U:\HPCHEM1\BNA N\DATA\BN020118\
 Data File : BN000005.D
 Acq On : 01 Feb 2018 17:00
 Operator : SJ/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 01 17:59:07 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 17:51:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	322989	20.00	ng	0.00
21) Naphthalene-d8	11.33	136	1656460	20.00	ng	0.00
38) Acenaphthene-d10	15.10	164	1001979	20.00	ng	0.00
63) Phenanthrene-d10	17.82	188	2277382	20.00	ng	0.00
75) Chrysene-d12	21.95	240	2507808	20.00	ng	0.00
86) Perylene-d12	24.46	264	2696236	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.95	112	1731260	107.66	ng	0.00
7) Phenol-d6	7.60	99	2649563	123.48	ng	0.00
23) Nitrobenzene-d5	9.66	82	2284129	86.13	ng	0.00
41) 2,4,6-Tribromophenol	16.56	330	820432	43.02	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	5923486	70.27	ng	0.00
78) Terphenyl-d14	20.39	244	7695348	65.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.67	88	333891	61.713	ng	96
3) Pyridine	4.11	79	1077929	73.785	ng	97
4) n-Nitrosodimethylamine	4.02	42	316973	41.680	ng	# 96
6) Aniline	7.79	93	1804099	67.432	ng	92
8) 2-Chlorophenol	8.03	128	964970	50.766	ng	87
9) Benzaldehyde	7.60	77	692187	62.454	ng	88
10) Phenol	7.63	94	1349746	66.236	ng	88
11) bis(2-Chloroethyl)ether	7.89	93	1066928	68.715	ng	# 83
12) 1,3-Dichlorobenzene	8.37	146	1050776	40.876	ng	99
13) 1,4-Dichlorobenzene	8.52	146	1068189	41.459	ng	98
14) 1,2-Dichlorobenzene	8.85	146	1058294	41.930	ng	98
15) Benzyl Alcohol	8.72	79	983655	55.621	ng	89
16) 2,2'-oxybis(1-Chloropropan	9.02	45	1152804	78.353	ng	79
17) 2-Methylphenol	8.92	107	975994	58.971	ng	94
18) Hexachloroethane	9.59	117	371463	42.941	ng	# 81
19) n-Nitroso-di-n-propylamine	9.29	70	911403	64.058	ng	# 84
20) 3+4-Methylphenols	9.25	107	1379666	59.429	ng	92
22) Acetophenone	9.32	105	1926106	49.604	ng	# 89
24) Nitrobenzene	9.70	77	1224493	47.749	ng	# 94
25) Isophorone	10.23	82	2634514	58.342	ng	97
26) 2-Nitrophenol	10.42	139	357871	23.085	ng	91
27) 2,4-Dimethylphenol	10.46	122	1031753	46.370	ng	95
28) bis(2-Chloroethoxy)methane	10.71	93	1503354	60.711	ng	96
29) 2,4-Dichlorophenol	10.96	162	949258	32.205	ng	98
30) 1,2,4-Trichlorobenzene	11.18	180	1052635	26.795	ng	98
31) Naphthalene	11.38	128	3617782	44.718	ng	98
32) Benzoic acid	10.57	122	555210	37.022	ng	89
33) 4-Chloroaniline	11.47	127	1713254	47.480	ng	96
34) Hexachlorobutadiene	11.66	225	542385	17.745	ng	98
35) Caprolactam	12.22	113	420757	49.726	ng	96
36) 4-Chloro-3-methylphenol	12.56	107	1267474	45.334	ng	96
37) 2-Methylnaphthalene	12.96	142	2597772	38.221	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.31	216	1168261	24.923	ng	# 97
40) Hexachlorocyclopentadiene	13.29	237	403589	13.780	ng	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.53	196	725630	28.459	nq	98
43) 2,4,5-Trichlorophenol	13.60	196	861632	28.989	nq	# 93
45) 1,1'-Biphenyl	13.94	154	3518073	41.559	nq	98
46) 2-Chloronaphthalene	13.99	162	2661753	40.117	nq	97
47) 2-Nitroaniline	14.17	65	656724	44.759	nq	# 85
48) Acenaphthylene	14.82	152	4511625	44.980	nq	98
49) Dimethylphthalate	14.54	163	3566886	38.608	nq	99
50) 2,6-Dinitrotoluene	14.66	165	664779	34.283	nq	93
51) Acenaphthene	15.16	154	2810342	40.400	nq	98
52) 3-Nitroaniline	14.98	138	809590	47.799	nq	# 95
53) 2,4-Dinitrophenol	15.18	184	145107	13.336	nq	# 35
54) Dibenzofuran	15.49	168	3989801	38.751	nq	94
55) 4-Nitrophenol	15.26	139	595573	46.969	nq	# 88
56) 2,4-Dinitrotoluene	15.43	165	868845	31.470	nq	96
57) Fluorene	16.13	166	3363194	39.310	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.70	232	698571	23.829	nq	# 82
59) Diethylphthalate	15.89	149	3744729	41.617	nq	97
60) 4-Chlorophenyl-phenylether	16.12	204	1495518	27.720	nq	90
61) 4-Nitroaniline	16.13	138	855483	47.125	nq	96
62) Azobenzene	16.41	77	3755155	69.834	nq	91
64) 4,6-Dinitro-2-methylphenol	16.19	198	287051	16.872	nq	90
65) n-Nitrosodiphenylamine	16.33	169	3003656	44.194	nq	97
66) 4-Bromophenyl-phenylether	17.00	248	860977	25.519	nq	# 83
67) Hexachlorobenzene	17.12	284	970625	25.996	nq	# 88
68) Atrazine	17.26	200	958583	32.855	nq	95
69) Pentachlorophenol	17.46	266	607739	25.983	nq	98
70) Phenanthrene	17.86	178	5364882	42.242	nq	100
71) Anthracene	17.95	178	5395893	42.669	nq	98
72) Carbazole	18.20	167	5507768	49.294	nq	97
73) Di-n-butylphthalate	18.75	149	6512205	52.642	nq	99
74) Fluoranthene	19.83	202	6079207	36.500	nq	93
76) Benzidine	20.00	184	2577941	52.351	nq	97
77) Pyrene	20.19	202	6466023	42.038	nq	98
79) Butylbenzylphthalate	21.06	149	2674650	55.129	nq	# 94
80) Benzo(a)anthracene	21.94	228	6173234	39.707	nq	100
81) 3,3'-Dichlorobenzidine	21.86	252	2203004	36.573	nq	# 97
82) Chrysene	21.99	228	6082719	40.513	nq	98
83) Bis(2-ethylhexyl)phthalate	21.85	149	4380533	63.678	nq	# 94
84) Di-n-octyl phthalate	22.82	149	7080025	64.888	nq	95
85) Indeno(1,2,3-cd)pyrene	27.06	276	7681565	40.443	nq	# 86
87) Benzo(b)fluoranthene	23.70	252	6481892	39.787	nq	# 96
88) Benzo(k)fluoranthene	23.75	252	6378654	39.524	nq	# 95
89) Benzo(a)pyrene	24.36	252	6258691	40.297	nq	# 94
90) Dibenzo(a,h)anthracene	27.07	278	6408697	40.336	nq	# 89
91) Benzo(g,h,i)perylene	27.85	276	6473522	41.049	nq	# 87

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

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