

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

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICCC040

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	8.487	152	322989	20.00	ng	0.00
21) Naphthalene-d8	11.328	136	1656460	20.00	ng	0.00
38) Acenaphthene-d10	15.098	164	1001979	20.00	ng	0.00
63) Phenanthrene-d10	17.816	188	2277382	20.00	ng	0.00
75) Chrysene-d12	21.951	240	2507808	20.00	ng	0.00
86) Perylene-d12	24.463	264	2696236	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.952	112	1731260	107.66	ng	0.00
7) Phenol-d6	7.605	99	2649563	123.48	ng	0.00
23) Nitrobenzene-d5	9.663	82	2284129	86.13	ng	0.00
41) 2,4,6-Tribromophenol	16.563	330	820432	43.02	ng	0.00
44) 2-Fluorobiphenyl	13.728	172	5923486	70.27	ng	0.00
78) Terphenyl-d14	20.386	244	7695348	65.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.670	88	333891	61.71	ng	96
3) Pyridine	4.111	79	1077929	73.79	ng	97
4) n-Nitrosodimethylamine	4.017	42	316973	41.68	ng	# 96
6) Aniline	7.787	93	1804099	67.43	ng	92
8) 2-Chlorophenol	8.034	128	964970	50.77	ng	87
9) Benzaldehyde	7.599	77	692187	62.45	ng	88
10) Phenol	7.628	94	1349746	66.24	ng	88
11) bis(2-Chloroethyl)ether	7.887	93	1066928	68.72	ng	# 83
12) 1,3-Dichlorobenzene	8.369	146	1050776	40.88	ng	99
13) 1,4-Dichlorobenzene	8.522	146	1068189	41.46	ng	98
14) 1,2-Dichlorobenzene	8.846	146	1058294	41.93	ng	98
15) Benzyl Alcohol	8.716	79	983655	55.62	ng	89
16) 2,2'-oxybis(1-Chloropr...	9.016	45	1152804	78.35	ng	79
17) 2-Methylphenol	8.916	107	975994	58.97	ng	94
18) Hexachloroethane	9.593	117	371463	42.94	ng	# 81
19) n-Nitroso-di-n-propyla...	9.293	70	911403	64.06	ng	# 84
20) 3+4-Methylphenols	9.246	107	1379666	59.43	ng	92
22) Acetophenone	9.316	105	1926106	49.60	ng	# 89
24) Nitrobenzene	9.704	77	1224493	47.75	ng	# 94
25) Isophorone	10.228	82	2634514	58.34	ng	97
26) 2-Nitrophenol	10.422	139	357871	23.09	ng	91
27) 2,4-Dimethylphenol	10.463	122	1031753	46.37	ng	95
28) bis(2-Chloroethoxy)met...	10.710	93	1503354	60.71	ng	96
29) 2,4-Dichlorophenol	10.957	162	949258	32.21	ng	98
30) 1,2,4-Trichlorobenzene	11.181	180	1052635	26.79	ng	98
31) Naphthalene	11.381	128	3617782	44.72	ng	98
32) Benzoic acid	10.569	122	555210	37.02	ng	89
33) 4-Chloroaniline	11.469	127	1713254	47.48	ng	96
34) Hexachlorobutadiene	11.657	225	542385	17.75	ng	98
35) Caprolactam	12.216	113	420757	49.73	ng	96
36) 4-Chloro-3-methylphenol	12.557	107	1267474	45.33	ng	96
37) 2-Methylnaphthalene	12.957	142	2597772	38.22	ng	96
39) 1,2,4,5-Tetrachloroben...	13.310	216	1168261	24.92	ng	# 97
40) Hexachlorocyclopentadiene	13.293	237	403589	13.78	ng	91

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

42) 2,4,6-Trichlorophenol	13.534	196	725630	28.46	nq	98
43) 2,4,5-Trichlorophenol	13.604	196	861632	28.99	nq	# 93
45) 1,1'-Biphenyl	13.940	154	3518073	41.56	nq	98
46) 2-Chloronaphthalene	13.987	162	2661753	40.12	nq	97
47) 2-Nitroaniline	14.175	65	656724	44.76	nq	# 85
48) Acenaphthylene	14.822	152	4511625	44.98	nq	98
49) Dimethylphthalate	14.540	163	3566886	38.61	nq	99
50) 2,6-Dinitrotoluene	14.657	165	664779	34.28	nq	93
51) Acenaphthene	15.157	154	2810342	40.40	nq	98
52) 3-Nitroaniline	14.981	138	809590	47.80	nq	# 95
53) 2,4-Dinitrophenol	15.181	184	145107	13.34	nq	# 35
54) Dibenzofuran	15.487	168	3989801	38.75	nq	94
55) 4-Nitrophenol	15.257	139	595573	46.97	nq	# 88
56) 2,4-Dinitrotoluene	15.428	165	868845	31.47	nq	96
57) Fluorene	16.128	166	3363194	39.31	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.698	232	698571	23.83	nq	# 82
59) Diethylphthalate	15.887	149	3744729	41.62	nq	97
60) 4-Chlorophenyl-phenyle...	16.116	204	1495518	27.72	nq	90
61) 4-Nitroaniline	16.134	138	855483	47.12	nq	96
62) Azobenzene	16.410	77	3755155	69.83	nq	91
64) 4,6-Dinitro-2-methylph...	16.187	198	287051	16.87	nq	90
65) n-Nitrosodiphenylamine	16.328	169	3003656	44.19	nq	97
66) 4-Bromophenyl-phenylether	17.004	248	860977	25.52	nq	# 83
67) Hexachlorobenzene	17.122	284	970625	26.00	nq	# 88
68) Atrazine	17.257	200	958583	32.86	nq	95
69) Pentachlorophenol	17.457	266	607739	25.98	nq	98
70) Phenanthrene	17.857	178	5364882	42.24	nq	100
71) Anthracene	17.951	178	5395893	42.67	nq	98
72) Carbazole	18.204	167	5507768	49.29	nq	97
73) Di-n-butylphthalate	18.751	149	6512205	52.64	nq	99
74) Fluoranthene	19.833	202	6079207	36.50	nq	93
76) Benzidine	20.004	184	2577941	52.35	nq	97
77) Pyrene	20.192	202	6466023	42.04	nq	98
79) Butylbenzylphthalate	21.063	149	2674650	55.13	nq	# 94
80) Benzo(a)anthracene	21.939	228	6173234	39.71	nq	100
81) 3,3'-Dichlorobenzidine	21.857	252	2203004	36.57	nq	# 97
82) Chrysene	21.992	228	6082719	40.51	nq	98
83) Bis(2-ethylhexyl)phtha...	21.845	149	4380533	63.68	nq	# 94
84) Di-n-octyl phthalate	22.821	149	7080025	64.89	nq	95
85) Indeno(1,2,3-cd)pyrene	27.057	276	7681565	40.44	nq	# 86
87) Benzo(b)fluoranthene	23.704	252	6481892	39.79	nq	# 96
88) Benzo(k)fluoranthene	23.751	252	6378654	39.52	nq	# 95
89) Benzo(a)pyrene	24.357	252	6258691	40.30	nq	# 94
90) Dibenzo(a,h)anthracene	27.074	278	6408697	40.34	nq	# 89
91) Benzo(g,h,i)perylene	27.851	276	6473522	41.05	nq	# 87

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

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