

Data Path : U:\HPCHEM1\BNA N\DATA\BN020118\
 Data File : BN000009.D
 Acq On : 01 Feb 2018 19:18
 Operator : SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 06 15:27:53 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 15:24:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	278581	20.00	ng	0.00
21) Naphthalene-d8	11.33	136	1459848	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	905039	20.00	ng	0.00
63) Phenanthrene-d10	17.82	188	2092886	20.00	ng	0.00
75) Chrysene-d12	21.94	240	2389745	20.00	ng	-0.01
86) Perylene-d12	24.43	264	2621365	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.95	112	1484041	78.55	ng	0.00
7) Phenol-d6	7.60	99	2323906	80.97	ng	0.00
23) Nitrobenzene-d5	9.66	82	2064637	85.52	ng	0.00
41) 2,4,6-Tribromophenol	16.56	330	754936	82.98	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	5320021	78.73	ng	0.00
78) Terphenyl-d14	20.38	244	7256196	80.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	279703	37.421	ng	96
3) Pyridine	4.11	79	942361	41.571	ng	98
4) n-Nitrosodimethylamine	4.01	42	263847	39.560	ng	# 98
6) Aniline	7.79	93	1572449	40.192	ng	92
8) 2-Chlorophenol	8.03	128	835406	39.968	ng	86
9) Benzaldehyde	7.60	77	598846	40.929	ng	87
10) Phenol	7.63	94	1189637	40.553	ng	87
11) bis(2-Chloroethyl)ether	7.88	93	924549	39.506	ng	# 83
12) 1,3-Dichlorobenzene	8.37	146	903951	38.956	ng	99
13) 1,4-Dichlorobenzene	8.52	146	928023	38.941	ng	95
14) 1,2-Dichlorobenzene	8.85	146	926198	39.335	ng	98
15) Benzyl Alcohol	8.72	79	857159	40.670	ng	89
16) 2,2'-oxybis(1-Chloropropan	9.02	45	988147	39.038	ng	79
17) 2-Methylphenol	8.91	107	868304	41.049	ng	95
18) Hexachloroethane	9.59	117	320291	39.192	ng	# 81
19) n-Nitroso-di-n-propylamine	9.29	70	794086	41.060	ng	# 84
20) 3+4-Methylphenols	9.24	107	1225091	41.350	ng	94
22) Acetophenone	9.32	105	1707364	39.598	ng	# 87
24) Nitrobenzene	9.70	77	1095723	42.315	ng	# 93
25) Isophorone	10.23	82	2310647	40.406	ng	97
26) 2-Nitrophenol	10.42	139	341330	40.106	ng	89
27) 2,4-Dimethylphenol	10.46	122	925780	39.483	ng	94
28) bis(2-Chloroethoxy)methane	10.71	93	1322353	40.089	ng	97
29) 2,4-Dichlorophenol	10.96	162	845349	42.018	ng	97
30) 1,2,4-Trichlorobenzene	11.18	180	919349	39.023	ng	97
31) Naphthalene	11.38	128	3204002	39.133	ng	97
32) Benzoic acid	10.56	122	533616	41.688	ng	86
33) 4-Chloroaniline	11.47	127	1542010	40.624	ng	95
34) Hexachlorobutadiene	11.66	225	471679	39.298	ng	96
35) Caprolactam	12.22	113	391511	43.779	ng	96
36) 4-Chloro-3-methylphenol	12.55	107	1133898	41.450	ng	98
37) 2-Methylnaphthalene	12.95	142	2295453	39.676	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	1037188	39.345	ng	# 96
40) Hexachlorocyclopentadiene	13.29	237	360263	40.916	ng	92

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

42) 2,4,6-Trichlorophenol	13.53	196	658320	42.250	nq	100
43) 2,4,5-Trichlorophenol	13.60	196	778008	42.399	nq	# 94
45) 1,1'-Biphenyl	13.94	154	3163677	39.124	nq	98
46) 2-Chloronaphthalene	13.99	162	2380946	39.220	nq	97
47) 2-Nitroaniline	14.17	65	627373	40.539	nq	89
48) Acenaphthylene	14.82	152	4069701	39.922	nq	97
49) Dimethylphthalate	14.54	163	3232493	39.963	nq	99
50) 2,6-Dinitrotoluene	14.66	165	616620	40.254	nq	93
51) Acenaphthene	15.16	154	2546667	39.590	nq	98
52) 3-Nitroaniline	14.98	138	759963	40.348	nq	# 90
53) 2,4-Dinitrophenol	15.17	184	139306	41.118	nq	83
54) Dibenzofuran	15.49	168	3624473	39.264	nq	95
55) 4-Nitrophenol	15.26	139	572943	40.656	nq	# 86
56) 2,4-Dinitrotoluene	15.43	165	833266	40.856	nq	96
57) Fluorene	16.13	166	3066717	39.455	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.70	232	647571	43.335	nq	# 84
59) Diethylphthalate	15.88	149	3410969	40.360	nq	97
60) 4-Chlorophenyl-phenylether	16.12	204	1349935	39.296	nq	92
61) 4-Nitroaniline	16.13	138	818245	40.780	nq	95
62) Azobenzene	16.40	77	3381311	40.037	nq	91
64) 4,6-Dinitro-2-methylphenol	16.18	198	272553	38.783	nq	92
65) n-Nitrosodiphenylamine	16.32	169	2749002	40.195	nq	96
66) 4-Bromophenyl-phenylether	17.00	248	778864	39.770	nq	# 85
67) Hexachlorobenzene	17.12	284	882001	39.091	nq	# 85
68) Atrazine	17.25	200	884201	42.412	nq	94
69) Pentachlorophenol	17.45	266	566304	41.908	nq	99
70) Phenanthrene	17.86	178	4946946	39.284	nq	100
71) Anthracene	17.95	178	4992786	40.022	nq	99
72) Carbazole	18.20	167	5151820	39.915	nq	97
73) Di-n-butylphthalate	18.75	149	5990275	41.792	nq	99
74) Fluoranthene	19.83	202	5671286	39.663	nq	94
76) Benzidine	20.00	184	2524824	41.739	nq	96
77) Pyrene	20.19	202	6033029	40.016	nq	98
79) Butylbenzylphthalate	21.06	149	2596890	40.479	nq	# 97
80) Benzo(a)anthracene	21.92	228	5942117	40.105	nq	99
81) 3,3'-Dichlorobenzidine	21.84	252	2117202	42.642	nq	# 98
82) Chrysene	21.97	228	5811207	39.492	nq	98
83) Bis(2-ethylhexyl)phthalate	21.83	149	4187179	42.107	nq	# 95
84) Di-n-octyl phthalate	22.80	149	6812249	42.326	nq	# 94
85) Indeno(1,2,3-cd)pyrene	27.03	276	7579812	39.933	nq	# 86
87) Benzo(b)fluoranthene	23.68	252	6205356	39.813	nq	# 96
88) Benzo(k)fluoranthene	23.73	252	6255781	40.031	nq	# 95
89) Benzo(a)pyrene	24.33	252	6051052	39.964	nq	# 94
90) Dibenzo(a,h)anthracene	27.04	278	6324283	39.905	nq	# 90
91) Benzo(g,h,i)perylene	27.82	276	6466980	40.151	nq	# 87

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

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