

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
 Data File : BM020246.D
 Acq On : 10 May 2019 17:40
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 11 02:10:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	88645	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	397372	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	265503	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	667179	20.00	ng	-0.01
76) Chrysene-d12	21.36	240	734119	20.00	ng	0.00
87) Perylene-d12	23.65	264	745266	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	416294	76.76	ng	-0.02
7) Phenol-d6	6.95	99	620441	83.75	ng	0.00
23) Nitrobenzene-d5	8.95	82	747159	74.23	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	355860	86.35	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1629110	75.49	ng	-0.02
79) Terphenyl-d14	19.80	244	3193253	75.87	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.29	88	91956	34.573 ng	92
3) Pyridine	3.69	79	290886	42.762 ng	95
4) n-Nitrosodimethylamine	3.61	42	83019	38.059 ng	# 67
6) Aniline	7.11	93	402631	43.172 ng	98
8) 2-Chlorophenol	7.34	128	243401	41.220 ng	97
9) Benzaldehyde	6.93	77	211227	37.669 ng	94
10) Phenol	6.97	94	335677	42.088 ng	91
11) bis(2-Chloroethyl)ether	7.21	93	249233	42.994 ng	99
12) 1,3-Dichlorobenzene	7.66	146	264472	38.495 ng	95
13) 1,4-Dichlorobenzene	7.81	146	266231	38.360 ng	96
14) 1,2-Dichlorobenzene	8.12	146	257000	38.868 ng	98
15) Benzyl Alcohol	8.02	79	289276	40.493 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	197662	41.122 ng	99
17) 2-Methylphenol	8.22	107	220670	42.980 ng	96
18) Hexachloroethane	8.84	117	108678	37.555 ng	98
19) n-Nitroso-di-n-propylamine	8.59	70	273044	43.077 ng	96
20) 3+4-Methylphenols	8.55	107	302465	44.326 ng	95
22) Acetophenone	8.60	105	409293	37.687 ng	# 96
24) Nitrobenzene	8.99	77	379501	36.365 ng	95
25) Isophorone	9.50	82	699064	40.275 ng	99
26) 2-Nitrophenol	9.69	139	152303	48.341 ng	91
27) 2,4-Dimethylphenol	9.74	122	206625	39.393 ng	98
28) bis(2-Chloroethoxy)methane	9.99	93	378812	40.072 ng	100
29) 2,4-Dichlorophenol	10.22	162	268660	40.619 ng	97
30) 1,2,4-Trichlorobenzene	10.43	180	299060	36.747 ng	96
31) Naphthalene	10.62	128	799212	38.757 ng	99
32) Benzoic acid	9.91	122	163019m	44.276 ng	
33) 4-Chloroaniline	10.74	127	342282	40.328 ng	96
34) Hexachlorobutadiene	10.88	225	199034	34.572 ng	95
35) Caprolactam	11.56	113	98167m	49.637 ng	
36) 4-Chloro-3-methylphenol	11.86	107	319369	41.089 ng	97
37) 2-Methylnaphthalene	12.23	142	607563	40.414 ng	96
38) 1-Methylnaphthalene	12.46	142	595931	40.538 ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	377640	36.355 ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	210424	34.404	ng	97
43) 2,4,6-Trichlorophenol	12.85	196	242781	41.125	ng	100
44) 2,4,5-Trichlorophenol	12.92	196	263724	39.988	ng	98
46) 1,1'-Biphenyl	13.25	154	827919	37.885	ng	99
47) 2-Chloronaphthalene	13.30	162	664315	38.073	ng	98
48) 2-Nitroaniline	13.51	65	246375	39.662	ng	92
49) Acenaphthylene	14.15	152	1087870	38.958	ng	99
50) Dimethylphthalate	13.89	163	858251	38.033	ng	99
51) 2,6-Dinitrotoluene	14.01	165	195686	41.173	ng	90
52) Acenaphthene	14.49	154	624631	39.007	ng	98
53) 3-Nitroaniline	14.35	138	183025	41.491	ng	97
54) 2,4-Dinitrophenol	14.55	184	108681	49.289	ng	90
55) Dibenzofuran	14.82	168	1054604	39.044	ng	96
56) 4-Nitrophenol	14.65	139	156536	41.592	ng	# 81
57) 2,4-Dinitrotoluene	14.80	165	276833	42.865	ng	93
58) Fluorene	15.47	166	881791	39.751	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	255489	40.766	ng	97
60) Diethylphthalate	15.25	149	857099	37.700	ng	99
61) 4-Chlorophenyl-phenylether	15.46	204	486687	38.721	ng	94
62) 4-Nitroaniline	15.51	138	203141m	41.729	ng	
63) Azobenzene	15.76	77	973081	36.281	ng	97
65) 4,6-Dinitro-2-methylphenol	15.56	198	156216	46.644	ng	91
66) n-Nitrosodiphenylamine	15.69	169	758832	38.653	ng	99
67) 4-Bromophenyl-phenylether	16.36	248	307705	37.611	ng	98
68) Hexachlorobenzene	16.46	284	357278	37.949	ng	97
69) Atrazine	16.63	200	289585	37.745	ng	99
70) Pentachlorophenol	16.82	266	228230	42.369	ng	97
71) Phenanthrene	17.21	178	1421989	38.611	ng	99
72) Anthracene	17.30	178	1422814	38.640	ng	99
73) Carbazole	17.58	167	1293925	38.944	ng	99
74) Di-n-butylphthalate	18.13	149	1529144	38.243	ng	98
75) Fluoranthene	19.23	202	1837128	39.425	ng	99
77) Benzidine	19.43	184	779715	33.221	ng	99
78) Pyrene	19.60	202	1887988	38.305	ng	100
80) Butylbenzylphthalate	20.49	149	742410	41.421	ng	98
81) Benzo(a)anthracene	21.35	228	2000074	38.849	ng	99
82) 3,3'-Dichlorobenzidine	21.28	252	764672	38.915	ng	99
83) Chrysene	21.40	228	1907399	38.201	ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	1082315	38.914	ng	98
85) Di-n-octyl phthalate	22.15	149	1871775	40.491	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	1756895	29.582	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	1916367	38.940	ng	100
89) Benzo(k)fluoranthene	23.00	252	1797686	40.045	ng	99
90) Benzo(a)pyrene	23.55	252	1712221	38.303	ng	99
91) Dibenzo(a,h)anthracene	25.99	278	1495961	32.180	ng	100
92) Benzo(g,h,i)perylene	26.70	276	1354501	30.689	ng	99

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

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