

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
 Data File : BM019162.D
 Acq On : 14 Mar 2019 10:49
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 14 13:27:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	172195	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	836054	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	527913	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1201160	20.00	ng	-0.01
76) Chrysene-d12	21.27	240	1359329	20.00	ng	0.00
87) Perylene-d12	23.50	264	1301586	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	845001	79.47	ng	0.00
7) Phenol-d6	6.83	99	1316714	84.66	ng	-0.01
23) Nitrobenzene-d5	8.83	82	1416880	80.11	ng	0.00
42) 2,4,6-Tribromophenol	15.81	330	652962	83.77	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3104026	76.48	ng	-0.01
79) Terphenyl-d14	19.70	244	5304005	77.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	168844	35.696	ng	99
3) Pyridine	3.62	79	555098	43.136	ng	99
4) n-Nitrosodimethylamine	3.54	42	150764	37.685	ng	99
6) Aniline	7.00	93	821425	40.908	ng	99
8) 2-Chlorophenol	7.22	128	525613	41.136	ng	99
9) Benzaldehyde	6.82	77	397800	40.664	ng	99
10) Phenol	6.86	94	721305	43.034	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	515005	40.266	ng	99
12) 1,3-Dichlorobenzene	7.54	146	529797	39.181	ng	99
13) 1,4-Dichlorobenzene	7.69	146	541164	39.256	ng	97
14) 1,2-Dichlorobenzene	8.00	146	530517	39.555	ng	99
15) Benzyl Alcohol	7.91	79	547651	42.546	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	513590	39.327	ng	98
17) 2-Methylphenol	8.10	107	462451	42.340	ng	99
18) Hexachloroethane	8.72	117	201745	39.384	ng	97
19) n-Nitroso-di-n-propylamine	8.47	70	530629	41.587	ng	99
20) 3+4-Methylphenols	8.43	107	648908	43.768	ng	99
22) Acetophenone	8.49	105	914027	39.560	ng	# 99
24) Nitrobenzene	8.87	77	737354	40.086	ng	100
25) Isophorone	9.39	82	1352327	40.070	ng	100
26) 2-Nitrophenol	9.57	139	318728	41.802	ng	98
27) 2,4-Dimethylphenol	9.63	122	467681	41.259	ng	97
28) bis(2-Chloroethoxy)methane	9.87	93	798900	39.978	ng	99
29) 2,4-Dichlorophenol	10.09	162	542170	43.187	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	555977	39.276	ng	98
31) Naphthalene	10.49	128	1739642	39.478	ng	100
32) Benzoic acid	9.80	122	349973	36.456	ng	97
33) 4-Chloroaniline	10.62	127	765086	42.355	ng	99
34) Hexachlorobutadiene	10.75	225	311100	38.296	ng	98
35) Caprolactam	11.45	113	193992	43.379	ng	97
36) 4-Chloro-3-methylphenol	11.75	107	666638	43.036	ng	99
37) 2-Methylnaphthalene	12.11	142	1292618	40.367	ng	100
38) 1-Methylnaphthalene	12.33	142	1277024	40.460	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	637595	38.181	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	311929	41.238	ng	98
43) 2,4,6-Trichlorophenol	12.73	196	441456	40.907	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	477044	41.338	ng	99
46) 1,1'-Biphenyl	13.14	154	1774890	38.498	ng	100
47) 2-Chloronaphthalene	13.18	162	1339524	38.925	ng	100
48) 2-Nitroaniline	13.41	65	486342	42.140	ng	98
49) Acenaphthylene	14.03	152	2294866	39.439	ng	100
50) Dimethylphthalate	13.78	163	1771917	39.236	ng	99
51) 2,6-Dinitrotoluene	13.91	165	399272	40.899	ng	98
52) Acenaphthene	14.37	154	1298266	38.830	ng	99
53) 3-Nitroaniline	14.24	138	416401	40.272	ng	98
54) 2,4-Dinitrophenol	14.46	184	212436	37.470	ng	99
55) Dibenzofuran	14.72	168	2112118	39.171	ng	100
56) 4-Nitrophenol	14.56	139	333680	39.526	ng	98
57) 2,4-Dinitrotoluene	14.70	165	566573	39.981	ng	98
58) Fluorene	15.36	166	1755210	39.492	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	438000	40.770	ng	99
60) Diethylphthalate	15.14	149	1813216	39.644	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	851233	39.434	ng	98
62) 4-Nitroaniline	15.42	138	428029	41.078	ng	99
63) Azobenzene	15.66	77	1965881	40.846	ng	98
65) 4,6-Dinitro-2-methylphenol	15.46	198	278875	35.430	ng	98
66) n-Nitrosodiphenylamine	15.58	169	1517979	39.695	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	521311	39.357	ng	97
68) Hexachlorobenzene	16.36	284	621667	39.477	ng	98
69) Atrazine	16.54	200	515836	40.072	ng	98
70) Pentachlorophenol	16.72	266	368328	38.821	ng	99
71) Phenanthrene	17.11	178	2784517	39.550	ng	99
72) Anthracene	17.20	178	2753803	39.955	ng	100
73) Carbazole	17.48	167	2641276	40.603	ng	99
74) Di-n-butylphthalate	18.03	149	3190381	40.557	ng	100
75) Fluoranthene	19.13	202	3222513	39.889	ng	99
77) Benzidine	19.33	184	1796576	46.602	ng	99
78) Pyrene	19.50	202	3344272	38.884	ng	100
80) Butylbenzylphthalate	20.40	149	1540399	41.121	ng	100
81) Benzo(a)anthracene	21.25	228	3349548	39.277	ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	1316899	40.085	ng	99
83) Chrysene	21.30	228	3206255	38.863	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2263486	41.533	ng	100
85) Di-n-octyl phthalate	22.05	149	3908268	42.588	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	3366514	37.906	ng	100
88) Benzo(b)fluoranthene	22.83	252	3335446	39.548	ng	99
89) Benzo(k)fluoranthene	22.87	252	3148398	40.586	ng	99
90) Benzo(a)pyrene	23.41	252	2995138	39.517	ng	100
91) Dibenzo(a,h)anthracene	25.77	278	2837014	39.129	ng	99
92) Benzo(g,h,i)perylene	26.46	276	2602847	39.102	ng	99

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

