

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062019\
 Data File : BM021060.D
 Acq On : 20 Jun 2019 11:24
 Operator : HP/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

mohammad
 6/21/2019 10:01:44 PM

Quant Time: Jun 20 12:51:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM062019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 20 12:21:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	250217	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1101889	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	690220	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	1533424	20.00	ng	0.00
76) Chrysene-d12	21.35	240	1400394	20.00	ng	0.00
87) Perylene-d12	23.63	264	1494480	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1145666	80.54	ng	0.00
7) Phenol-d6	6.95	99	1644810	78.53	ng	0.00
23) Nitrobenzene-d5	8.95	82	1715825	80.68	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	1018214	119.06	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	4714610	90.81	ng	0.00
79) Terphenyl-d14	19.79	244	6138190	73.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	219750	37.733	ng	100
3) Pyridine	3.72	79	595549	32.141	ng	100
4) n-Nitrosodimethylamine	3.63	42	237514	29.736	ng	100
6) Aniline	7.12	93	1101453	36.344	ng	100
8) 2-Chlorophenol	7.35	128	698810	39.490	ng	100
9) Benzaldehyde	6.93	77	427431	36.048	ng	100
10) Phenol	6.98	94	837429	37.101	ng	100
11) bis(2-Chloroethyl)ether	7.22	93	662490	36.829	ng	100
12) 1,3-Dichlorobenzene	7.67	146	850796	41.834	ng	100
13) 1,4-Dichlorobenzene	7.82	146	858551	41.526	ng	100
14) 1,2-Dichlorobenzene	8.13	146	839011	41.699	ng	100
15) Benzyl Alcohol	8.03	79	663566	35.812	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.31	45	864556	31.130	ng	100
17) 2-Methylphenol	8.22	107	597663	37.655	ng	100
18) Hexachloroethane	8.85	117	313075	39.551	ng	100
19) n-Nitroso-di-n-propylamine	8.59	70	598214	35.531	ng	100
20) 3+4-Methylphenols	8.55	107	823149	38.118	ng	100
22) Acetophenone	8.61	105	1139214	40.698	ng	100
24) Nitrobenzene	8.99	77	858281	39.532	ng	100
25) Isophorone	9.51	82	1613640	38.144	ng	100
26) 2-Nitrophenol	9.69	139	424616	52.477	ng	100
27) 2,4-Dimethylphenol	9.75	122	613390	40.455	ng	100
28) bis(2-Chloroethoxy)methane	9.99	93	1009200	39.455	ng	100
29) 2,4-Dichlorophenol	10.22	162	787416	46.939	ng	100
30) 1,2,4-Trichlorobenzene	10.43	180	932368	48.337	ng	100
31) Naphthalene	10.62	128	2372445	41.869	ng	100
32) Benzoic acid	9.90	122	489020m	57.604	ng	
33) 4-Chloroaniline	10.74	127	1072358	40.665	ng	100
34) Hexachlorobutadiene	10.89	225	592510	51.195	ng	100
35) Caprolactam	11.55	113	227031m	38.957	ng	
36) 4-Chloro-3-methylphenol	11.86	107	788809	40.444	ng	100
37) 2-Methylnaphthalene	12.23	142	1814178	43.195	ng	100
38) 1-Methylnaphthalene	12.46	142	1730352	43.268	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	1095765	48.444	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	675151	49.908	ng	100
43) 2,4,6-Trichlorophenol	12.85	196	720997	49.521	ng	100
44) 2,4,5-Trichlorophenol	12.92	196	738768	49.149	ng	100
46) 1,1'-Biphenyl	13.25	154	2467407	42.804	ng	100
47) 2-Chloronaphthalene	13.29	162	1995072	42.882	ng	100
48) 2-Nitroaniline	13.51	65	536187	36.719	ng	100
49) Acenaphthylene	14.15	152	3008259	41.440	ng	100
50) Dimethylphthalate	13.89	163	2455462	41.640	ng	100
51) 2,6-Dinitrotoluene	14.01	165	528354	44.126	ng	100
52) Acenaphthene	14.49	154	1812112	41.888	ng	100
53) 3-Nitroaniline	14.34	138	527077	39.438	ng	100
54) 2,4-Dinitrophenol	14.55	184	293172	69.321	ng	100
55) Dibenzofuran	14.82	168	2915376	43.390	ng	100
56) 4-Nitrophenol	14.65	139	397218	40.333	ng	100
57) 2,4-Dinitrotoluene	14.80	165	709927	44.281	ng	100
58) Fluorene	15.47	166	2363875	42.782	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	685317	52.323	ng	100
60) Diethylphthalate	15.25	149	2385655	39.226	ng	100
61) 4-Chlorophenyl-phenylether	15.47	204	1337234	45.709	ng	100
62) 4-Nitroaniline	15.51	138	553645	39.061	ng	100
63) Azobenzene	15.76	77	1989450	34.121	ng	100
65) 4,6-Dinitro-2-methylphenol	15.56	198	379012	59.811	ng	100
66) n-Nitrosodiphenylamine	15.69	169	2027359	41.300	ng	100
67) 4-Bromophenyl-phenylether	16.36	248	850020	47.081	ng	100
68) Hexachlorobenzene	16.47	284	1020119	48.387	ng	100
69) Atrazine	16.64	200	695512	47.473	ng	100
70) Pentachlorophenol	16.82	266	541075	53.797	ng	100
71) Phenanthrene	17.21	178	3622437	41.676	ng	100
72) Anthracene	17.30	178	3604561	41.434	ng	100
73) Carbazole	17.58	167	3117774	39.493	ng	100
74) Di-n-butylphthalate	18.13	149	3889623	37.955	ng	100
75) Fluoranthene	19.23	202	4126216	42.687	ng	100
77) Benzidine	19.42	184	1680927	39.613	ng	100
78) Pyrene	19.59	202	4203798	39.118	ng	100
80) Butylbenzylphthalate	20.49	149	1654279	36.426	ng	100
81) Benzo(a)anthracene	21.34	228	4018499	41.206	ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	1554562	43.531	ng	100
83) Chrysene	21.39	228	3840625	41.430	ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	2423521	36.717	ng	100
85) Di-n-octyl phthalate	22.15	149	3992607	38.101	ng	100
86) Indeno(1,2,3-cd)pyrene	25.93	276	4596818	48.471	ng	100
88) Benzo(b)fluoranthene	22.94	252	4061808	41.121	ng	100
89) Benzo(k)fluoranthene	22.99	252	3882556	40.222	ng	100
90) Benzo(a)pyrene	23.53	252	3685041	41.130	ng	100
91) Dibenzo(a,h)anthracene	25.94	278	3827177	44.030	ng	100
92) Benzo(g,h,i)perylene	26.64	276	3593539	44.509	ng	100

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

