

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105028.D
 Acq On : 2 May 2018 14:03
 Operator : JU/SJ
 Sample : J2652-12MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMENDED-COMPOSITE-P5-WC MS

Quant Time: May 03 07:49:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	91290	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	371150	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	171182	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	284058	20.00	ng	0.00
75) Chrysene-d12	14.04	240	198832	20.00	ng	0.00
86) Perylene-d12	15.61	264	195608	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	146579	24.55	ng	0.00
7) Phenol-d6	6.43	99	453744	61.85	ng	0.00
23) Nitrobenzene-d5	7.36	82	501011	88.15	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	39099	22.02	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	813786	75.10	ng	0.00
78) Terphenyl-d14	12.92	244	681427	78.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	92087	33.102	ng	# 86
3) Pyridine	3.26	79	261254	33.402	ng	85
4) n-Nitrosodimethylamine	3.23	42	101840	37.248	ng	# 74
6) Aniline	6.45	93	193206	18.957	ng	# 22
8) 2-Chlorophenol	6.58	128	143069	22.704	ng	93
9) Benzaldehyde	6.35	77	178298	54.158	ng	93
10) Phenol	6.45	94	267015	34.306	ng	# 72
11) bis(2-Chloroethyl)ether	6.53	93	257733	41.495	ng	91
12) 1,3-Dichlorobenzene	6.73	146	289580	40.564	ng	99
13) 1,4-Dichlorobenzene	6.80	146	295658	41.547	ng	99
14) 1,2-Dichlorobenzene	6.96	146	276589	41.941	ng	97
15) Benzyl Alcohol	6.94	79	216412	38.842	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	278932	33.440	ng	# 3
17) 2-Methylphenol	7.06	107	215157	39.279	ng	# 88
18) Hexachloroethane	7.30	117	92369	36.405	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	176928	36.910	ng	92
20) 3+4-Methylphenols	7.22	107	277541	40.854	ng	95
22) Acetophenone	7.20	105	377239	41.285	ng	94
24) Nitrobenzene	7.38	77	274313	43.712	ng	96
25) Isophorone	7.62	82	490654	40.822	ng	98
26) 2-Nitrophenol	7.69	139	50842	19.901	ng	92
27) 2,4-Dimethylphenol	7.74	122	240675	45.371	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	321417	43.737	ng	99
29) 2,4-Dichlorophenol	7.95	162	111519	22.033	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	238261	42.894	ng	99
31) Naphthalene	8.10	128	818267	44.275	ng	100
33) 4-Chloroaniline	8.16	127	155032	19.580	ng	96
34) Hexachlorobutadiene	8.20	225	127442	41.887	ng	99
35) Caprolactam	8.51	113	73886	41.846	ng	# 78
36) 4-Chloro-3-methylphenol	8.65	107	225735	41.594	ng	99
37) 2-Methylnaphthalene	8.79	142	530753	44.397	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	223744	45.660	ng	99
40) Hexachlorocyclopentadiene	8.93	237	18029	6.572	ng	96
42) 2,4,6-Trichlorophenol	9.07	196	34788	10.227	ng	99

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43) 2,4,5-Trichlorophenol	9.12	196	56290	14.788	nq	96
45) 1,1'-Biphenyl	9.25	154	609235	42.365	nq	99
46) 2-Chloronaphthalene	9.28	162	478527	42.128	nq	99
47) 2-Nitroaniline	9.39	65	139200	49.555	nq	93
48) Acenaphthylene	9.70	152	718092	40.294	nq	99
49) Dimethylphthalate	9.56	163	664368	49.216	nq	99
50) 2,6-Dinitrotoluene	9.63	165	123286	49.357	nq	92
51) Acenaphthene	9.87	154	434697	39.977	nq	98
52) 3-Nitroaniline	9.80	138	112913	38.613	nq	94
54) Dibenzofuran	10.04	168	629108	41.516	nq	99
55) 4-Nitrophenol	9.99	139	10455	4.551	nq	96
56) 2,4-Dinitrotoluene	10.03	165	148640	45.366	nq	95
57) Fluorene	10.39	166	516645	46.841	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	24025	8.460	nq	# 73
59) Diethylphthalate	10.25	149	534126	39.729	nq	98
60) 4-Chlorophenyl-phenylether	10.37	204	227224	46.258	nq	94
61) 4-Nitroaniline	10.42	138	135401	47.356	nq	96
62) Azobenzene	10.53	77	463917	36.118	nq	94
64) 4,6-Dinitro-2-methylphenol	10.45	198	1771	8.431	nq	95
65) n-Nitrosodiphenylamine	10.49	169	438402	44.512	nq	100
66) 4-Bromophenyl-phenylether	10.86	248	135461	44.833	nq	96
67) Hexachlorobenzene	10.93	284	145925	42.922	nq	# 90
68) Atrazine	11.03	200	140110	47.129	nq	98
69) Pentachlorophenol	11.13	266	21401	10.175	nq	97
70) Phenanthrene	11.35	178	898875	56.822	nq	99
71) Anthracene	11.40	178	729988	45.397	nq	98
72) Carbazole	11.56	167	620817	39.509	nq	100
73) Di-n-butylphthalate	11.88	149	799588	41.657	nq	99
74) Fluoranthene	12.54	202	895807	54.200	nq	99
76) Benzidine	12.67	184	302824	47.204	nq	98
77) Pyrene	12.78	202	878494	59.607	nq	99
79) Butylbenzylphthalate	13.40	149	293170	42.223	nq	100
80) Benzo(a)anthracene	14.03	228	678495	57.120	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	150958	34.085	nq	99
82) Chrysene	14.07	228	630245	51.655	nq	100
83) Bis(2-ethylhexyl)phthalate	14.00	149	421017	47.142	nq	100
84) Di-n-octyl phthalate	14.70	149	692496	46.405	nq	# 94
85) Indeno(1,2,3-cd)pyrene	17.11	276	506257	48.845	nq	95
87) Benzo(b)fluoranthene	15.18	252	719164	58.212	nq	98
88) Benzo(k)fluoranthene	15.21	252	495449	42.478	nq	99
89) Benzo(a)pyrene	15.55	252	588812	53.267	nq	98
90) Dibenzo(a,h)anthracene	17.12	278	383362	42.227	nq	97
91) Benzo(g,h,i)perylene	17.56	276	408653	46.461	nq	94

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

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