

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110062.D
 Acq On : 22 Oct 2018 21:14
 Operator : JU/SJ
 Sample : J5605-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-AMS

Manual Integrations
 APPROVED

Sohil
 10/23/2018 2:18:50 PM

Quant Time: Oct 23 04:36:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	193873	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	736316	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	305032	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	473324	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	336164	20.00	ng	-0.01
87) Perylene-d12	15.67	264	254797	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1251794	102.35	ng	0.00
7) Phenol-d6	6.60	99	1585428	104.39	ng	0.00
23) Nitrobenzene-d5	7.54	82	965574	88.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.80	330	290371	109.95	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1627116	85.12	ng	-0.01
79) Terphenyl-d14	13.09	244	1186916	74.14	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	155176	22.338	ng	90
3) Pyridine	3.66	79	443351	28.627	ng	87
4) n-Nitrosodimethylamine	3.62	42	225555	35.702	ng	96
6) Aniline	6.64	93	383048	18.716	ng	# 53
8) 2-Chlorophenol	6.76	128	476685	34.794	ng	98
9) Benzaldehyde	6.52	77	253011	25.636	ng	97
10) Phenol	6.61	94	675341	41.186	ng	# 65
11) bis(2-Chloroethyl)ether	6.70	93	451153	32.906	ng	93
12) 1,3-Dichlorobenzene	6.91	146	504309	33.570	ng	100
13) 1,4-Dichlorobenzene	6.99	146	507712	33.558	ng	97
14) 1,2-Dichlorobenzene	7.15	146	469825	33.723	ng	98
15) Benzyl Alcohol	7.11	79	411200	35.193	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.24	45	740359	32.900	ng	67
17) 2-Methylphenol	7.22	107	386179	34.956	ng	# 80
18) Hexachloroethane	7.48	117	165847	31.019	ng	93
19) n-Nitroso-di-n-propylamine	7.38	70	323687	33.194	ng	97
20) 3+4-Methylphenols	7.37	107	490014	34.954	ng	98
22) Acetophenone	7.38	105	642368	37.619	ng	# 98
24) Nitrobenzene	7.56	77	476560	40.134	ng	91
25) Isophorone	7.79	82	875362	40.758	ng	# 94
26) 2-Nitrophenol	7.87	139	224544	45.608	ng	95
27) 2,4-Dimethylphenol	7.90	122	430401	41.605	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	569106	38.610	ng	99
29) 2,4-Dichlorophenol	8.11	162	378332	37.700	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	407299	36.248	ng	96
31) Naphthalene	8.28	128	1308210	38.745	ng	100
32) Benzoic acid	7.97	122	66509	10.319	ng	95
33) 4-Chloroaniline	8.32	127	146746	9.668	ng	96
34) Hexachlorobutadiene	8.39	225	226860	36.613	ng	99
35) Caprolactam	8.69	113	127066m	35.652	ng	
36) 4-Chloro-3-methylphenol	8.80	107	391733	37.002	ng	96
37) 2-Methylnaphthalene	8.97	142	882728	40.374	ng	99
38) 1-Methylnaphthalene	9.07	142	809841	38.225	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	369043	39.279	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	135589	29.900	nq	97
43) 2,4,6-Trichlorophenol	9.25	196	239662	40.795	nq	94
44) 2,4,5-Trichlorophenol	9.29	196	247891	40.656	nq	94
46) 1,1'-Biphenyl	9.43	154	1021768	37.597	nq	99
47) 2-Chloronaphthalene	9.46	162	768477	38.388	nq	98
48) 2-Nitroaniline	9.55	65	238266	46.379	nq	99
49) Acenaphthylene	9.88	152	1151108	39.582	nq	99
50) Dimethylphthalate	9.73	163	1052769	48.741	nq	99
51) 2,6-Dinitrotoluene	9.79	165	186462	45.452	nq	97
52) Acenaphthene	10.05	154	700240	37.820	nq	97
53) 3-Nitroaniline	9.96	138	140980	28.251	nq	91
54) 2,4-Dinitrophenol	10.07	184	19226	21.982	nq	# 80
55) Dibenzofuran	10.22	168	980234	37.123	nq	96
56) 4-Nitrophenol	10.12	139	364361	95.690	nq	95
57) 2,4-Dinitrotoluene	10.20	165	222480	43.416	nq	# 87
58) Fluorene	10.56	166	742149	38.610	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	181407	37.541	nq	# 95
60) Diethylphthalate	10.43	149	833995	39.094	nq	99
61) 4-Chlorophenyl-phenylether	10.55	204	365674	36.521	nq	99
62) 4-Nitroaniline	10.58	138	157349	33.310	nq	87
63) Azobenzene	10.72	77	757963	34.010	nq	94
65) 4,6-Dinitro-2-methylphenol	10.60	198	24869	20.019	nq	94
66) n-Nitrosodiphenylamine	10.67	169	664072	42.124	nq	97
67) 4-Bromophenyl-phenylether	11.04	248	203702	39.711	nq	97
68) Hexachlorobenzene	11.11	284	201262	36.793	nq	# 90
69) Atrazine	11.19	200	204750	41.579	nq	99
70) Pentachlorophenol	11.30	266	179092	57.530	nq	99
71) Phenanthrene	11.53	178	981453	40.052	nq	100
72) Anthracene	11.58	178	991048	40.228	nq	99
73) Carbazole	11.73	167	865497	35.747	nq	99
74) Di-n-butylphthalate	12.06	149	1122230	41.532	nq	98
75) Fluoranthene	12.72	202	927296	37.881	nq	100
77) Benzidine	12.84	184	543395	42.160	nq	97
78) Pyrene	12.95	202	925599	37.488	nq	98
80) Butylbenzylphthalate	13.56	149	424804	42.557	nq	99
81) Benzo(a)anthracene	14.14	228	783041	39.546	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	247521	35.657	nq	99
83) Chrysene	14.17	228	724929	38.463	nq	100
84) Bis(2-ethylhexyl)phthalate	14.11	149	581798	44.295	nq	97
85) Di-n-octyl phthalate	14.73	149	935825	50.537	nq	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	528596	34.833	nq	# 95
88) Benzo(b)fluoranthene	15.22	252	625046	42.550	nq	98
89) Benzo(k)fluoranthene	15.25	252	564065	38.958	nq	98
90) Benzo(a)pyrene	15.60	252	540296	39.991	nq	97
91) Dibenzo(a,h)anthracene	17.25	278	449517	37.544	nq	98
92) Benzo(g,h,i)perylene	17.70	276	427706	35.356	nq	# 94

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

