

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF082120\
 Data File : BF121360.D
 Acq On : 21 Aug 2020 10:34
 Operator : JU/CG
 Sample : PB131046BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131046BS

Quant Time: Aug 21 12:54:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	165107	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	633324	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	324303	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	600123	20.00	ng	0.00
76) Chrysene-d12	13.86	240	465178	20.00	ng	0.01
86) Perylene-d12	15.27	264	481901	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	934626	92.82	ng	0.02
7) Phenol-d6	6.35	99	1112293	86.53	ng	0.01
23) Nitrobenzene-d5	7.27	82	778394	69.51	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	342340	90.59	ng	0.01
45) 2-Fluorobiphenyl	9.06	172	1359456	79.66	ng	0.00
79) Terphenyl-d14	12.80	244	1351099	56.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	245462	53.871	ng	100
3) Pyridine	3.15	79	360006	29.438	ng	99
4) n-Nitrosodimethylamine	3.10	42	197582	39.695	ng	99
6) Aniline	6.36	93	482881	32.534	ng	# 57
8) 2-Chlorophenol	6.49	128	439089	41.723	ng	100
9) Benzaldehyde	6.25	77	283136	39.154	ng	95
10) Phenol	6.36	94	477599	35.435	ng	94
11) bis(2-Chloroethyl)ether	6.44	93	413482	39.833	ng	98
12) 1,3-Dichlorobenzene	6.64	146	431336	36.583	ng	99
13) 1,4-Dichlorobenzene	6.72	146	437805	36.782	ng	99
14) 1,2-Dichlorobenzene	6.87	146	418495	36.919	ng	98
15) Benzyl Alcohol	6.85	79	346376	44.786	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	555577	36.350	ng	94
17) 2-Methylphenol	6.97	107	339757	39.127	ng	95
18) Hexachloroethane	7.20	117	162685	36.707	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	261866	37.880	ng	99
20) 3+4-Methylphenols	7.12	107	393788	45.963	ng	95
22) Acetophenone	7.12	105	549137	37.087	ng	99
24) Nitrobenzene	7.29	77	431602	37.816	ng	98
25) Isophorone	7.53	82	811509	39.821	ng	100
26) 2-Nitrophenol	7.60	139	238289	40.709	ng	98
27) 2,4-Dimethylphenol	7.65	122	377324	45.176	ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	515869	37.186	ng	98
29) 2,4-Dichlorophenol	7.85	162	353071	38.718	ng	96
30) 1,2,4-Trichlorobenzene	7.93	180	380293	36.469	ng	99
31) Naphthalene	8.00	128	1187958	37.689	ng	100
32) Benzoic acid	7.80	122	181561	30.776	ng	99
33) 4-Chloroaniline	8.06	127	455374	32.626	ng	98
34) Hexachlorobutadiene	8.12	225	218211	35.359	ng	99
35) Caprolactam	8.44	113	64144	21.477	ng	98
36) 4-Chloro-3-methylphenol	8.55	107	367716	39.870	ng	99
37) 2-Methylnaphthalene	8.70	142	796133	38.969	ng	99
38) 1-Methylnaphthalene	8.79	142	736020	37.890	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	366206	38.046	ng	99

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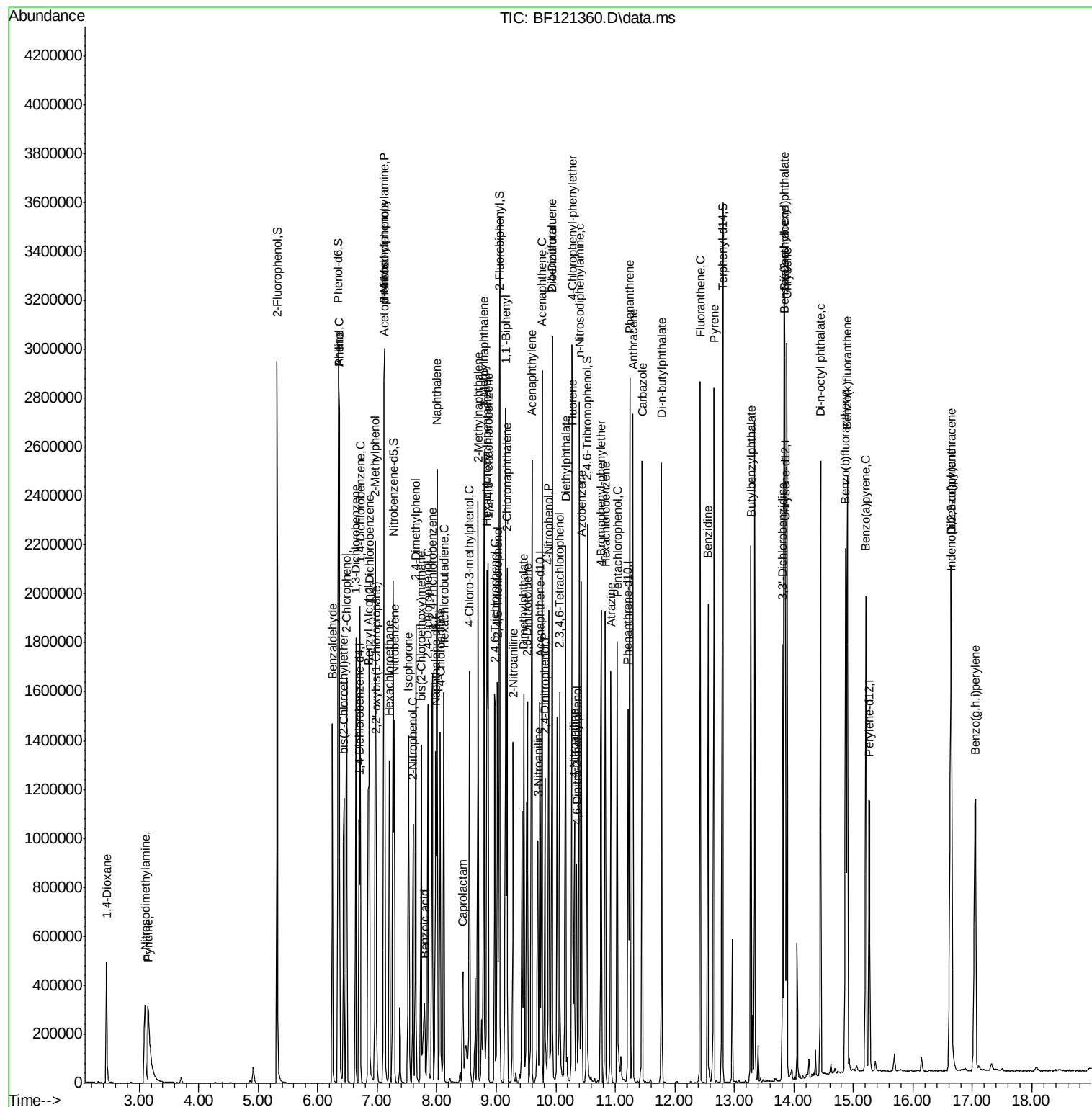
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	318758	83.339	nq	99
43) 2,4,6-Trichlorophenol	8.98	196	252220	38.329	nq	98
44) 2,4,5-Trichlorophenol	9.02	196	270957	40.023	nq	99
46) 1,1'-Biphenyl	9.16	154	957819	39.406	nq	100
47) 2-Chloronaphthalene	9.19	162	738851	36.896	nq	97
48) 2-Nitroaniline	9.29	65	241438	38.292	nq	93
49) Acenaphthylene	9.60	152	1168887	39.298	nq	100
50) Dimethylphthalate	9.46	163	892204	37.815	nq	100
51) 2,6-Dinitrotoluene	9.53	165	201890	40.067	nq	93
52) Acenaphthene	9.77	154	677264	37.474	nq	99
53) 3-Nitroaniline	9.70	138	180323	28.607	nq	100
54) 2,4-Dinitrophenol	9.82	184	192642	79.302	nq	93
55) Dibenzofuran	9.94	168	981437	42.212	nq	98
56) 4-Nitrophenol	9.88	139	282322	72.624	nq	95
57) 2,4-Dinitrotoluene	9.94	165	234932	38.218	nq	90
58) Fluorene	10.29	166	756363	44.511	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	221513	38.276	nq	98
60) Diethylphthalate	10.16	149	857553	37.221	nq	100
61) 4-Chlorophenyl-phenylether	10.27	204	368794	42.872	nq	99
62) 4-Nitroaniline	10.32	138	231877	35.902	nq	100
63) Azobenzene	10.43	77	820903	38.361	nq	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	141636	44.131	nq	89
66) n-Nitrosodiphenylamine	10.40	169	742451	40.108	nq	99
67) 4-Bromophenyl-phenylether	10.76	248	258656	38.855	nq	99
68) Hexachlorobenzene	10.83	284	289089	37.674	nq	95
69) Atrazine	10.93	200	212771	37.105	nq	97
70) Pentachlorophenol	11.03	266	280933	82.286	nq	99
71) Phenanthrene	11.25	178	1148418	36.975	nq	99
72) Anthracene	11.30	178	1199328	40.098	nq	100
73) Carbazole	11.45	167	1140425	39.952	nq	100
74) Di-n-butylphthalate	11.78	149	1324929	38.492	nq	100
75) Fluoranthene	12.43	202	1283740	38.079	nq	97
77) Benzidine	12.56	184	831695	64.895	nq	99
78) Pyrene	12.66	202	1322053	37.835	nq	99
80) Butylbenzylphthalate	13.28	149	574192	38.242	nq	94
81) Benzo(a)anthracene	13.84	228	1068601	36.985	nq	98
82) 3,3'-Dichlorobenzidine	13.81	252	365018	32.904	nq	100
83) Chrysene	13.89	228	1101174	37.265	nq	99
84) Bis(2-ethylhexyl)phthalate	13.84	149	685955	38.848	nq	# 99
85) Di-n-octyl phthalate	14.45	149	1341987	41.068	nq	99
87) Indeno(1,2,3-cd)pyrene	16.64	276	1159598	39.420	nq	100
88) Benzo(b)fluoranthene	14.87	252	1132175	36.366	nq	100
89) Benzo(k)fluoranthene	14.90	252	1083251	39.527	nq	100
90) Benzo(a)pyrene	15.21	252	1015031	37.734	nq	100
91) Dibenzo(a,h)anthracene	16.65	278	957099	39.683	nq	99
92) Benzo(g,h,i)perylene	17.05	276	980969	41.603	nq	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

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