

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF082120\
 Data File : BF121365.D
 Acq On : 21 Aug 2020 13:09
 Operator : JU/CG
 Sample : PB131076BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131076BS

Quant Time: Aug 21 13:50:37 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	213009	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	859651	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	448132	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	849697	20.00	ng	0.00
76) Chrysene-d12	13.86	240	635775	20.00	ng	0.01
86) Perylene-d12	15.27	264	665304	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	979430	75.40	ng	0.02
7) Phenol-d6	6.35	99	1162131	70.08	ng	0.01
23) Nitrobenzene-d5	7.27	82	824467	54.24	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	364085	69.72	ng	0.01
45) 2-Fluorobiphenyl	9.06	172	1423944	56.69	ng	0.00
79) Terphenyl-d14	12.80	244	1394394	42.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	147079	25.020	ng	99
3) Pyridine	3.12	79	355600	22.539	ng	99
4) n-Nitrosodimethylamine	3.08	42	202899	31.596	ng	100
6) Aniline	6.36	93	497466	25.979	ng	# 54
8) 2-Chlorophenol	6.49	128	453506	33.402	ng	100
9) Benzaldehyde	6.25	77	264778	28.381	ng	97
10) Phenol	6.36	94	489760	28.166	ng	96
11) bis(2-Chloroethyl)ether	6.44	93	429414	32.065	ng	97
12) 1,3-Dichlorobenzene	6.64	146	447817	29.439	ng	99
13) 1,4-Dichlorobenzene	6.72	146	449559	29.276	ng	99
14) 1,2-Dichlorobenzene	6.87	146	430394	29.430	ng	97
15) Benzyl Alcohol	6.85	79	352014	35.279	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	577380	29.281	ng	94
17) 2-Methylphenol	6.97	107	356865	31.855	ng	95
18) Hexachloroethane	7.20	117	170600	29.836	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	270212	30.297	ng	99
20) 3+4-Methylphenols	7.12	107	401387	34.264	ng	95
22) Acetophenone	7.11	105	570336	28.378	ng	# 97
24) Nitrobenzene	7.29	77	452785	29.227	ng	99
25) Isophorone	7.53	82	842250	30.448	ng	99
26) 2-Nitrophenol	7.60	139	248493	31.276	ng	97
27) 2,4-Dimethylphenol	7.65	122	389884	34.390	ng	100
28) bis(2-Chloroethoxy)methane	7.74	93	531174	28.209	ng	98
29) 2,4-Dichlorophenol	7.85	162	369677	29.866	ng	96
30) 1,2,4-Trichlorobenzene	7.92	180	393767	27.819	ng	99
31) Naphthalene	8.00	128	1217951	28.467	ng	99
32) Benzoic acid	7.80	122	199464	26.256	ng	96
33) 4-Chloroaniline	8.06	127	449427	23.722	ng	98
34) Hexachlorobutadiene	8.12	225	227882	27.204	ng	99
35) Caprolactam	8.44	113	68672	16.940	ng	97
36) 4-Chloro-3-methylphenol	8.55	107	383751	30.654	ng	100
37) 2-Methylnaphthalene	8.69	142	818954	29.532	ng	99
38) 1-Methylnaphthalene	8.79	142	757109	28.714	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	378472	28.455	ng	99

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41) Hexachlorocyclopentadiene	8.85	237	336582	65.140	ng	99
43) 2,4,6-Trichlorophenol	8.98	196	263902	29.023	ng	98
44) 2,4,5-Trichlorophenol	9.02	196	284166	30.376	ng	98
46) 1,1'-Biphenyl	9.16	154	986749	29.378	ng	100
47) 2-Chloronaphthalene	9.18	162	762186	27.544	ng	99
48) 2-Nitroaniline	9.29	65	249112	28.592	ng	91
49) Acenaphthylene	9.60	152	1202287	29.252	ng	100
50) Dimethylphthalate	9.46	163	936915	28.737	ng	100
51) 2,6-Dinitrotoluene	9.53	165	211684	30.402	ng	94
52) Acenaphthene	9.77	154	702181	28.117	ng	98
53) 3-Nitroaniline	9.70	138	177506	20.379	ng	99
54) 2,4-Dinitrophenol	9.82	184	213350	63.558	ng	91
55) Dibenzofuran	9.94	168	1014684	30.037	ng	98
56) 4-Nitrophenol	9.88	139	294135	54.755	ng	94
57) 2,4-Dinitrotoluene	9.93	165	243871	28.710	ng	# 85
58) Fluorene	10.29	166	778927	31.350	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.06	232	239347	29.929	ng	98
60) Diethylphthalate	10.16	149	900153	28.274	ng	100
61) 4-Chlorophenyl-phenylether	10.27	204	379771	30.083	ng	99
62) 4-Nitroaniline	10.32	138	239400	26.824	ng	99
63) Azobenzene	10.43	77	854702	28.904	ng	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	155068	34.125	ng	88
66) n-Nitrosodiphenylamine	10.40	169	766504	29.245	ng	99
67) 4-Bromophenyl-phenylether	10.76	248	269452	28.588	ng	100
68) Hexachlorobenzene	10.83	284	299323	27.551	ng	94
69) Atrazine	10.93	200	227697	28.045	ng	99
70) Pentachlorophenol	11.03	266	298421	61.735	ng	99
71) Phenanthrene	11.25	178	1193911	27.149	ng	100
72) Anthracene	11.30	178	1243680	29.368	ng	100
73) Carbazole	11.45	167	1189159	29.423	ng	99
74) Di-n-butylphthalate	11.78	149	1391752	28.557	ng	100
75) Fluoranthene	12.43	202	1344105	28.159	ng	98
77) Benzidine	12.55	184	804923	45.954	ng	99
78) Pyrene	12.66	202	1361061	28.499	ng	99
80) Butylbenzylphthalate	13.27	149	607072	29.583	ng	99
81) Benzo(a)anthracene	13.85	228	1063742	26.938	ng	98
82) 3,3'-Dichlorobenzidine	13.81	252	362996	23.942	ng	100
83) Chrysene	13.89	228	1116774	27.652	ng	98
84) Bis(2-ethylhexyl)phthalate	13.83	149	698309	28.936	ng	99
85) Di-n-octyl phthalate	14.45	149	1346558	30.151	ng	99
87) Indeno(1,2,3-cd)pyrene	16.63	276	1120784	27.598	ng	99
88) Benzo(b)fluoranthene	14.87	252	1135703	26.423	ng	99
89) Benzo(k)fluoranthene	14.90	252	1079090	28.521	ng	100
90) Benzo(a)pyrene	15.21	252	1009297	27.177	ng	100
91) Dibenzo(a,h)anthracene	16.65	278	927475	27.854	ng	98
92) Benzo(g,h,i)perylene	17.04	276	955212	29.343	ng	99

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

#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

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