

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042921\
 Data File : BF123760.D
 Acq On : 29 Apr 2021 9:51
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 29 11:13:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 27 16:30:39 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	248966	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	885418	20.00	ng	0.00
39) Acenaphthene-d10	9.851	164	439175	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	835365	20.00	ng	0.00
76) Chrysene-d12	13.980	240	567401	20.00	ng	0.00
86) Perylene-d12	15.433	264	406074	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1191734	75.83	ng	0.00
7) Phenol-d6	6.445	99	1645571	76.01	ng	0.00
23) Nitrobenzene-d5	7.375	82	1542958	78.67	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	431332	78.89	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	2317573	76.85	ng	0.00
79) Terphenyl-d14	12.927	244	2470212	83.83	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.505	88	322362	38.08	ng	96
3) Pyridine	3.240	79	798832	38.61	ng	91
4) n-Nitrosodimethylamine	3.193	42	446139	39.15	ng	100
6) Aniline	6.475	93	960153	38.35	ng	100
8) 2-Chlorophenol	6.598	128	650277	38.47	ng	99
9) Benzaldehyde	6.357	77	395682	37.76	ng	98
10) Phenol	6.457	94	892889	38.40	ng	95
11) bis(2-Chloroethyl)ether	6.545	93	645799	38.04	ng	98
12) 1,3-Dichlorobenzene	6.751	146	653692	38.27	ng	97
13) 1,4-Dichlorobenzene	6.828	146	664522	38.45	ng	97
14) 1,2-Dichlorobenzene	6.981	146	613219	36.54	ng	97
15) Benzyl Alcohol	6.951	79	664851	39.18	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.087	45	1419856	39.32	ng	99
17) 2-Methylphenol	7.069	107	546034	37.91	ng	98
18) Hexachloroethane	7.322	117	262985	38.45	ng	96
19) n-Nitroso-di-n-propyla...	7.228	70	510533	38.19	ng	98
20) 3+4-Methylphenols	7.222	107	669242	36.51	ng	# 80
22) Acetophenone	7.222	105	920372	38.24	ng	93
24) Nitrobenzene	7.392	77	811149	39.70	ng	95
25) Isophorone	7.634	82	1454074	39.54	ng	99
26) 2-Nitrophenol	7.710	139	338428	40.59	ng	98
27) 2,4-Dimethylphenol	7.751	122	519656	39.68	ng	94
28) bis(2-Chloroethoxy)met...	7.845	93	752211	40.14	ng	98
29) 2,4-Dichlorophenol	7.957	162	510699	39.57	ng	98
30) 1,2,4-Trichlorobenzene	8.039	180	529034	39.11	ng	99
31) Naphthalene	8.116	128	1777898	38.99	ng	99
32) Benzoic acid	7.875	122	276180	32.65	ng	95
33) 4-Chloroaniline	8.169	127	745131	39.16	ng	96
34) Hexachlorobutadiene	8.239	225	322895	39.17	ng	96
35) Caprolactam	8.539	113	180301	39.78	ng	# 92
36) 4-Chloro-3-methylphenol	8.651	107	640233	39.75	ng	96
37) 2-Methylnaphthalene	8.810	142	1176589	39.60	ng	99
38) 1-Methylnaphthalene	8.910	142	1091803	39.10	ng	99
40) 1,2,4,5-Tetrachloroben...	8.975	216	513291	39.71	ng	99
41) Hexachlorocyclopentadiene	8.963	237	211862	39.36	ng	100
43) 2,4,6-Trichlorophenol	9.086	196	354468	39.82	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	386697	40.49	ng	94
46) 1,1'-Biphenyl	9.275	154	1400643	38.93	ng	99
47) 2-Chloronaphthalene	9.298	162	1040744	38.36	ng	99
48) 2-Nitroaniline	9.392	65	465605	38.96	ng	93
49) Acenaphthylene	9.716	152	1700925	38.84	ng	100
50) Dimethylphthalate	9.575	163	1204468	38.94	ng	100
51) 2,6-Dinitrotoluene	9.633	165	288246	40.31	ng	99
52) Acenaphthene	9.886	154	1050864	39.39	ng	99
53) 3-Nitroaniline	9.804	138	329272	38.55	ng	98
54) 2,4-Dinitrophenol	9.910	184	139975	36.85	ng	93
55) Dibenzofuran	10.057	168	1571142	38.94	ng	100
56) 4-Nitrophenol	9.969	139	242708	39.01	ng	98
57) 2,4-Dinitrotoluene	10.039	165	387565	39.75	ng	94
58) Fluorene	10.398	166	1189668	38.37	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.175	232	299050	39.54	ng	98
60) Diethylphthalate	10.275	149	1291970	39.24	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	558536	38.65	ng	98
62) 4-Nitroaniline	10.422	138	327848	38.74	ng	98
63) Azobenzene	10.551	77	1478323	39.06	ng	97
65) 4,6-Dinitro-2-methylph...	10.451	198	210660	40.70	ng	# 79
66) n-Nitrosodiphenylamine	10.510	169	1068204	39.09	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	358161	40.71	ng	96
68) Hexachlorobenzene	10.951	284	401123	40.06	ng	95
69) Atrazine	11.039	200	327019	39.59	ng	99
70) Pentachlorophenol	11.145	266	198856	38.97	ng	95
71) Phenanthrene	11.363	178	1668620	38.08	ng	99
72) Anthracene	11.416	178	1681352	38.59	ng	99
73) Carbazole	11.569	167	1699537	38.60	ng	99
74) Di-n-butylphthalate	11.904	149	1963717	39.72	ng	98
75) Fluoranthene	12.551	202	1806659	37.80	ng	99
77) Benzidine	12.669	184	648693	44.15	ng	98
78) Pyrene	12.780	202	1843301	41.85	ng	99
80) Butylbenzylphthalate	13.398	149	760412	40.41	ng	97
81) Benzo(a)anthracene	13.969	228	1331144	38.71	ng	98
82) 3,3'-Dichlorobenzidine	13.933	252	411402	38.96	ng	99
83) Chrysene	14.004	228	1350383	39.04	ng	98
84) Bis(2-ethylhexyl)phtha...	13.963	149	910423	38.95	ng	99
85) Di-n-octyl phthalate	14.574	149	1377069	36.84	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	1041921	44.06	ng	98
88) Benzo(b)fluoranthene	15.010	252	1127060	41.19	ng	99
89) Benzo(k)fluoranthene	15.039	252	998360	38.23	ng	98
90) Benzo(a)pyrene	15.374	252	936714	40.03	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	854102	42.78	ng	98
92) Benzo(g,h,i)perylene	17.315	276	897308	44.87	ng	97

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

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