

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042721\
 Data File : BF123745.D
 Acq On : 27 Apr 2021 14:01
 Operator : JU/CG
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Apr 27 14:32:44 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 14:29:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	273449	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	993089	20.00	ng	0.00
39) Acenaphthene-d10	9.851	164	489438	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	945572	20.00	ng	0.00
76) Chrysene-d12	13.986	240	697473	20.00	ng	0.00
86) Perylene-d12	15.439	264	527612	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1340107	74.24	ng	0.00
7) Phenol-d6	6.445	99	1827077	73.30	ng	0.00
23) Nitrobenzene-d5	7.375	82	1734329	75.67	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	482189	74.90	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	2545834	77.35	ng	0.00
79) Terphenyl-d14	12.927	244	2798646	73.44	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.522	88	364619	37.54	ng	96
3) Pyridine	3.252	79	896586	37.49	ng	94
4) n-Nitrosodimethylamine	3.210	42	501386	38.07	ng	98
6) Aniline	6.475	93	1084939	37.45	ng	100
8) 2-Chlorophenol	6.598	128	726033	37.09	ng	99
9) Benzaldehyde	6.357	77	431274	35.98	ng	99
10) Phenol	6.463	94	991198	35.50	ng	86
11) bis(2-Chloroethyl)ether	6.545	93	730171	37.24	ng	98
12) 1,3-Dichlorobenzene	6.751	146	734967	36.83	ng	95
13) 1,4-Dichlorobenzene	6.828	146	737775	36.79	ng	97
14) 1,2-Dichlorobenzene	6.981	146	677484	34.73	ng	96
15) Benzyl Alcohol	6.951	79	736243	37.25	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.087	45	1558145	37.38	ng	99
17) 2-Methylphenol	7.069	107	616848	36.65	ng	99
18) Hexachloroethane	7.322	117	298884	37.11	ng	96
19) n-Nitroso-di-n-propyla...	7.228	70	569414	36.11	ng	98
20) 3+4-Methylphenols	7.222	107	736637	37.76	ng	# 80
22) Acetophenone	7.222	105	1034802	36.66	ng	92
24) Nitrobenzene	7.398	77	902858	37.77	ng	98
25) Isophorone	7.634	82	1625944	37.41	ng	100
26) 2-Nitrophenol	7.710	139	379530	38.33	ng	98
27) 2,4-Dimethylphenol	7.751	122	573260	37.14	ng	98
28) bis(2-Chloroethoxy)met...	7.845	93	834545	37.67	ng	99
29) 2,4-Dichlorophenol	7.957	162	568706	37.77	ng	98
30) 1,2,4-Trichlorobenzene	8.040	180	588179	37.13	ng	99
31) Naphthalene	8.116	128	1992262	37.12	ng	99
32) Benzoic acid	7.881	122	366707	38.13	ng	95
33) 4-Chloroaniline	8.169	127	835986	36.98	ng	96
34) Hexachlorobutadiene	8.239	225	370321	38.15	ng	99
35) Caprolactam	8.545	113	204690	38.41	ng	# 86
36) 4-Chloro-3-methylphenol	8.651	107	726471	38.32	ng	96
37) 2-Methylnaphthalene	8.810	142	1299644	37.12	ng	98
38) 1-Methylnaphthalene	8.910	142	1211943	36.60	ng	99
40) 1,2,4,5-Tetrachloroben...	8.975	216	563273	37.80	ng	98
41) Hexachlorocyclopentadiene	8.963	237	239687	41.54	ng	97
43) 2,4,6-Trichlorophenol	9.086	196	400217	38.37	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	426481	38.32	ng	99
46) 1,1'-Biphenyl	9.275	154	1545736	37.47	ng	97
47) 2-Chloronaphthalene	9.298	162	1181954	37.73	ng	98
48) 2-Nitroaniline	9.392	65	526910	38.30	ng	94
49) Acenaphthylene	9.716	152	1905630	37.29	ng	100
50) Dimethylphthalate	9.581	163	1325228	36.97	ng	99
51) 2,6-Dinitrotoluene	9.639	165	315489	37.29	ng	91
52) Acenaphthene	9.886	154	1150684	37.24	ng	100
53) 3-Nitroaniline	9.810	138	376824	38.26	ng	97
54) 2,4-Dinitrophenol	9.910	184	179399	41.99	ng	99
55) Dibenzofuran	10.057	168	1754141	37.63	ng	99
56) 4-Nitrophenol	9.975	139	286745	38.94	ng	92
57) 2,4-Dinitrotoluene	10.039	165	430739	37.84	ng	88
58) Fluorene	10.404	166	1331829	37.07	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	339781	37.98	ng	98
60) Diethylphthalate	10.275	149	1425670	37.13	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	618281	37.14	ng	100
62) 4-Nitroaniline	10.422	138	376898	38.34	ng	97
63) Azobenzene	10.557	77	1654436	37.78	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	246531	38.98	ng	94
66) n-Nitrosodiphenylamine	10.516	169	1210158	37.49	ng	98
67) 4-Bromophenyl-phenylether	10.880	248	392194	36.98	ng	93
68) Hexachlorobenzene	10.951	284	434574	35.99	ng	98
69) Atrazine	11.039	200	366221	37.07	ng	96
70) Pentachlorophenol	11.145	266	231857	38.28	ng	98
71) Phenanthrene	11.363	178	1914136	36.65	ng	100
72) Anthracene	11.416	178	1898700	36.65	ng	100
73) Carbazole	11.569	167	1911895	36.31	ng	99
74) Di-n-butylphthalate	11.904	149	2208075	37.08	ng	99
75) Fluoranthene	12.557	202	2103150	36.93	ng	97
77) Benzidine	12.674	184	783495	38.00	ng	99
78) Pyrene	12.780	202	2112273	37.04	ng	99
80) Butylbenzylphthalate	13.404	149	927709	37.71	ng	95
81) Benzo(a)anthracene	13.974	228	1642005	36.91	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	515449	37.93	ng	# 99
83) Chrysene	14.010	228	1634911	36.56	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	1132290	37.11	ng	98
85) Di-n-octyl phthalate	14.580	149	1849413	37.70	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	1139155	35.33	ng	99
88) Benzo(b)fluoranthene	15.016	252	1382185	37.14	ng	# 98
89) Benzo(k)fluoranthene	15.045	252	1379113	38.99	ng	99
90) Benzo(a)pyrene	15.380	252	1209127	37.73	ng	98
91) Dibenzo(a,h)anthracene	16.898	278	962344	35.53	ng	98
92) Benzo(g,h,i)perylene	17.321	276	974994	36.11	ng	99

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

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