

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
 Data File : BF129230.D
 Acq On : 15 Jul 2022 10:00
 Operator : CG\JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/18/2022
 Supervised By : Jagrut Upadhyay 07/18/2022

Quant Time: Jul 15 10:56:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 10:55:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	324305	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	1287441	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	670099	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1111924	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	774580	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	612024	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	922454	44.844	ng	0.00
7) Phenol-d6	6.522	99	1167084	44.459	ng	0.00
23) Nitrobenzene-d5	7.463	82	1055347	43.450	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	271576	45.022	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1822611	42.034	ng	0.00
79) Terphenyl-d14	13.010	244	1723199	44.661	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	203200	21.349	ng	91
3) Pyridine	3.498	79	511261	21.222	ng	93
4) n-Nitrosodimethylamine	3.434	42	242840	20.281	ng	96
6) Aniline	6.563	93	673798	22.060	ng	97
8) 2-Chlorophenol	6.681	128	482697	22.700	ng	98
9) Benzaldehyde	6.451	77	335384	22.954	ng	99
10) Phenol	6.534	94	594700	21.320	ng	89
11) bis(2-Chloroethyl)ether	6.628	93	474154	22.573	ng	97
12) 1,3-Dichlorobenzene	6.839	146	513135	22.598	ng	98
13) 1,4-Dichlorobenzene	6.916	146	516842	22.629	ng	100
14) 1,2-Dichlorobenzene	7.069	146	491036	22.442	ng	99
15) Benzyl Alcohol	7.034	79	396478	21.901	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	751946	22.120	ng	95
17) 2-Methylphenol	7.145	107	397472	22.747	ng	96
18) Hexachloroethane	7.410	117	191906	22.260	ng	# 87
19) n-Nitroso-di-n-propyla...	7.304	70	339097	22.569	ng	96
20) 3+4-Methylphenols	7.292	107	502851	23.244	ng	# 87
22) Acetophenone	7.304	105	668825	22.440	ng	# 99
24) Nitrobenzene	7.481	77	501609	21.755	ng	95
25) Isophorone	7.716	82	857658	21.393	ng	98
26) 2-Nitrophenol	7.798	139	248814	22.741	ng	88
27) 2,4-Dimethylphenol	7.828	122	380567	21.497	ng	97
28) bis(2-Chloroethoxy)met...	7.928	93	588039	22.251	ng	99
29) 2,4-Dichlorophenol	8.033	162	388458	22.095	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	407879	22.148	ng	97
31) Naphthalene	8.204	128	1369569	22.520	ng	99
32) Benzoic acid	7.922	122	279111	20.089	ng	99
33) 4-Chloroaniline	8.251	127	557452	22.381	ng	97
34) Hexachlorobutadiene	8.316	225	230890	22.579	ng	99
35) Caprolactam	8.610	113	124062m	21.258	ng	
36) 4-Chloro-3-methylphenol	8.722	107	421014	21.878	ng	96
37) 2-Methylnaphthalene	8.892	142	885834	22.679	ng	99
38) 1-Methylnaphthalene	8.992	142	858973	22.701	ng	97
40) 1,2,4,5-Tetrachloroben...	9.057	216	373110	21.939	ng	98
41) Hexachlorocyclopentadiene	9.045	237	182885	21.691	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	270928	21.412	ng	98

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44) 2,4,5-Trichlorophenol	9.210	196	288731	22.418	ng	95
46) 1,1'-Biphenyl	9.357	154	1077078	22.270	ng	98
47) 2-Chloronaphthalene	9.386	162	841626	22.186	ng	97
48) 2-Nitroaniline	9.480	65	273462	21.302	ng	89
49) Acenaphthylene	9.804	152	1277204	22.605	ng	99
50) Dimethylphthalate	9.657	163	949711	22.069	ng	99
51) 2,6-Dinitrotoluene	9.722	165	205387	22.166	ng	96
52) Acenaphthene	9.975	154	815500	22.273	ng	100
53) 3-Nitroaniline	9.892	138	246114	21.865	ng	# 87
54) 2,4-Dinitrophenol	9.992	184	106989	21.428	ng	97
55) Dibenzofuran	10.145	168	1185900	22.808	ng	99
56) 4-Nitrophenol	10.039	139	191109	21.456	ng	96
57) 2,4-Dinitrotoluene	10.122	165	270638	22.444	ng	96
58) Fluorene	10.486	166	901473	22.772	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	217824m	22.209	ng	
60) Diethylphthalate	10.357	149	947969	22.878	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	412727	22.872	ng	95
62) 4-Nitroaniline	10.504	138	239274	21.555	ng	90
63) Azobenzene	10.639	77	990997	22.034	ng	96
65) 4,6-Dinitro-2-methylph...	10.527	198	151448	22.020	ng	92
66) n-Nitrosodiphenylamine	10.598	169	788921	22.402	ng	97
67) 4-Bromophenyl-phenylether	10.969	248	259340	22.895	ng	95
68) Hexachlorobenzene	11.033	284	272286	22.697	ng	94
69) Atrazine	11.122	200	222373	23.498	ng	98
70) Pentachlorophenol	11.227	266	159975	23.089	ng	99
71) Phenanthrene	11.451	178	1278440	22.851	ng	99
72) Anthracene	11.504	178	1267639	22.814	ng	100
73) Carbazole	11.657	167	1268088	22.526	ng	99
74) Di-n-butylphthalate	11.980	149	1466065	24.009	ng	100
75) Fluoranthene	12.645	202	1294700	22.711	ng	98
77) Benzidine	12.763	184	331405	19.707	ng	99
78) Pyrene	12.874	202	1306843	22.003	ng	99
80) Butylbenzylphthalate	13.486	149	592273	23.201	ng	94
81) Benzo(a)anthracene	14.063	228	1071703	21.926	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	271587	23.541	ng	# 97
83) Chrysene	14.098	228	1028725	22.237	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	815793	24.303	ng	99
85) Di-n-octyl phthalate	14.657	149	1194643	23.141	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	747688	19.845	ng	96
88) Benzo(b)fluoranthene	15.121	252	821501	21.935	ng	# 98
89) Benzo(k)fluoranthene	15.151	252	858467	23.694	ng	98
90) Benzo(a)pyrene	15.498	252	663863	21.604	ng	97
91) Dibenzo(a,h)anthracene	17.086	278	614392	20.337	ng	98
92) Benzo(g,h,i)perylene	17.527	276	608120	19.539	ng	97

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

