

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129709.D
 Acq On : 11 Aug 2022 10:34
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/12/2022
 Supervised By : Jagrut Upadhyay 08/12/2022

Quant Time: Aug 11 23:52:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	152007	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	585211	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	314979	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	534585	20.000	ng	0.00
76) Chrysene-d12	14.022	240	352908	20.000	ng	0.00
86) Perylene-d12	15.492	264	287898	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	734639	78.728	ng	0.00
7) Phenol-d6	6.493	99	915859	78.086	ng	0.00
23) Nitrobenzene-d5	7.410	82	876478	81.758	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	248847	82.174	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1611384	79.140	ng	0.00
79) Terphenyl-d14	12.957	244	1692307	90.468	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.558	88	153012	36.344	ng	89
3) Pyridine	3.334	79	416137	35.592	ng	90
4) n-Nitrosodimethylamine	3.293	42	185689	36.168	ng	87
6) Aniline	6.504	93	519476	35.627	ng	# 27
8) 2-Chlorophenol	6.634	128	412800	40.492	ng	95
9) Benzaldehyde	6.393	77	272085	34.160	ng	98
10) Phenol	6.504	94	501859m	40.180	ng	
11) bis(2-Chloroethyl)ether	6.575	93	386453	39.014	ng	92
12) 1,3-Dichlorobenzene	6.781	146	442277	40.451	ng	97
13) 1,4-Dichlorobenzene	6.857	146	448434	40.328	ng	99
14) 1,2-Dichlorobenzene	7.010	146	416321	40.732	ng	99
15) Benzyl Alcohol	6.987	79	347704	40.875	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	516443	34.685	ng	# 1
17) 2-Methylphenol	7.110	107	330810	39.115	ng	# 88
18) Hexachloroethane	7.346	117	170391	40.695	ng	92
19) n-Nitroso-di-n-propyla...	7.257	70	296468	41.753	ng	89
20) 3+4-Methylphenols	7.263	107	438130	40.744	ng	# 81
22) Acetophenone	7.251	105	568345	41.714	ng	97
24) Nitrobenzene	7.428	77	441544	39.997	ng	95
25) Isophorone	7.663	82	755450	39.313	ng	99
26) 2-Nitrophenol	7.740	139	222710	40.894	ng	97
27) 2,4-Dimethylphenol	7.787	122	331216m	40.545	ng	
28) bis(2-Chloroethoxy)met...	7.869	93	451117	40.468	ng	98
29) 2,4-Dichlorophenol	7.993	162	344036	40.803	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	358768	41.108	ng	98
31) Naphthalene	8.145	128	1222224	41.108	ng	99
32) Benzoic acid	7.916	122	141065	23.886	ng	96
33) 4-Chloroaniline	8.198	127	486162	39.827	ng	98
34) Hexachlorobutadiene	8.251	225	219650	44.275	ng	99
35) Caprolactam	8.581	113	107719m	39.295	ng	
36) 4-Chloro-3-methylphenol	8.692	107	367317	41.074	ng	96
37) 2-Methylnaphthalene	8.834	142	800200	41.414	ng	100
38) 1-Methylnaphthalene	8.934	142	776984	41.656	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	347592	42.027	ng	99
41) Hexachlorocyclopentadiene	8.981	237	134203	36.440	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	232696	38.737	ng	98

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44) 2,4,5-Trichlorophenol	9.169	196	250369	38.326	ng	# 92
46) 1,1'-Biphenyl	9.298	154	942798	41.014	ng	99
47) 2-Chloronaphthalene	9.328	162	751605	40.446	ng	99
48) 2-Nitroaniline	9.428	65	242737	39.283	ng	95
49) Acenaphthylene	9.739	152	1142088	40.447	ng	100
50) Dimethylphthalate	9.598	163	909960	41.849	ng	99
51) 2,6-Dinitrotoluene	9.669	165	199750	41.044	ng	96
52) Acenaphthene	9.916	154	758301m	41.117	ng	
53) 3-Nitroaniline	9.845	138	216829	37.730	ng	92
54) 2,4-Dinitrophenol	9.957	184	89446	36.002	ng	89
55) Dibenzofuran	10.086	168	1042854	41.019	ng	98
56) 4-Nitrophenol	10.028	139	155593	36.699	ng	98
57) 2,4-Dinitrotoluene	10.081	165	257977	40.577	ng	96
58) Fluorene	10.428	166	862791	42.415	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	189880	37.613	ng	95
60) Diethylphthalate	10.298	149	899391	42.788	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	393716	43.903	ng	91
62) 4-Nitroaniline	10.463	138	207339m	36.369	ng	
63) Azobenzene	10.581	77	859972	40.112	ng	94
65) 4,6-Dinitro-2-methylph...	10.492	198	131329	38.922	ng	89
66) n-Nitrosodiphenylamine	10.539	169	723505	40.640	ng	97
67) 4-Bromophenyl-phenylether	10.910	248	253433	43.293	ng	96
68) Hexachlorobenzene	10.981	284	275798	43.482	ng	95
69) Atrazine	11.069	200	230650	42.654	ng	96
70) Pentachlorophenol	11.181	266	116302	33.729	ng	97
71) Phenanthrene	11.398	178	1204915	41.290	ng	98
72) Anthracene	11.445	178	1180587	41.169	ng	99
73) Carbazole	11.604	167	1065684	39.477	ng	99
74) Di-n-butylphthalate	11.922	149	1443115	44.890	ng	100
75) Fluoranthene	12.586	202	1220942	41.293	ng	99
77) Benzidine	12.710	184	485916	38.975	ng	100
78) Pyrene	12.816	202	1217988	41.272	ng	99
80) Butylbenzylphthalate	13.422	149	586012	45.781	ng	98
81) Benzo(a)anthracene	14.010	228	971781	40.311	ng	100
82) 3,3'-Dichlorobenzidine	13.969	252	299009	37.567	ng	96
83) Chrysene	14.045	228	901952	39.699	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	790923	46.933	ng	99
85) Di-n-octyl phthalate	14.592	149	1182163	48.748	ng	96
87) Indeno(1,2,3-cd)pyrene	16.986	276	820704	42.332	ng	98
88) Benzo(b)fluoranthene	15.063	252	790329	41.385	ng	100
89) Benzo(k)fluoranthene	15.092	252	745814	39.852	ng	99
90) Benzo(a)pyrene	15.427	252	622407	40.149	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	675047	42.780	ng	99
92) Benzo(g,h,i)perylene	17.433	276	680063	42.177	ng	99

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

