

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
 Data File : BF129946.D
 Acq On : 23 Aug 2022 10:11
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/24/2022
 Supervised By : Jagrut Upadhyay 08/24/2022

Quant Time: Aug 23 13:21:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	132164	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	523726	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	279388	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	467665	20.000	ng	0.00
76) Chrysene-d12	13.951	240	310978	20.000	ng	0.00
86) Perylene-d12	15.404	264	246015	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	643162	80.573	ng	0.00
7) Phenol-d6	6.434	99	817177	81.749	ng	0.00
23) Nitrobenzene-d5	7.351	82	814266	83.229	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	219024	78.109	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1468251	79.817	ng	0.00
79) Terphenyl-d14	12.886	244	1536670	82.222	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.469	88	135581	41.170	ng	96
3) Pyridine	3.234	79	351284	40.761	ng	96
4) n-Nitrosodimethylamine	3.193	42	189897	47.812	ng	86
6) Aniline	6.445	93	464986	40.813	ng	98
8) 2-Chlorophenol	6.575	128	362526	40.796	ng	98
9) Benzaldehyde	6.334	77	239832	45.776	ng	96
10) Phenol	6.451	94	452074	41.229	ng	99
11) bis(2-Chloroethyl)ether	6.516	93	340333	40.873	ng	95
12) 1,3-Dichlorobenzene	6.716	146	385698	40.205	ng	99
13) 1,4-Dichlorobenzene	6.792	146	391305	39.920	ng	100
14) 1,2-Dichlorobenzene	6.945	146	367436	40.360	ng	98
15) Benzyl Alcohol	6.934	79	317335	42.051	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	472378	42.338	ng	90
17) 2-Methylphenol	7.051	107	291473	40.850	ng	98
18) Hexachloroethane	7.281	117	151344	41.115	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	268914	42.560	ng	99
20) 3+4-Methylphenols	7.204	107	394123	41.150	ng	# 87
22) Acetophenone	7.198	105	525699	41.190	ng	# 97
24) Nitrobenzene	7.369	77	406355	41.191	ng	93
25) Isophorone	7.604	82	682480	40.530	ng	98
26) 2-Nitrophenol	7.686	139	192020	39.571	ng	98
27) 2,4-Dimethylphenol	7.728	122	275284	39.557	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	394995	40.175	ng	99
29) 2,4-Dichlorophenol	7.934	162	300353	39.471	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	313022	38.993	ng	98
31) Naphthalene	8.081	128	1090230	39.813	ng	100
32) Benzoic acid	7.881	122	132135	43.641	ng	92
33) 4-Chloroaniline	8.139	127	418339	38.848	ng	97
34) Hexachlorobutadiene	8.192	225	195340	39.962	ng	99
35) Caprolactam	8.528	113	94075	39.755	ng	93
36) 4-Chloro-3-methylphenol	8.633	107	333256	40.595	ng	96
37) 2-Methylnaphthalene	8.775	142	704516	39.199	ng	100
38) 1-Methylnaphthalene	8.869	142	687770	39.376	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	302871	38.976	ng	98
41) Hexachlorocyclopentadiene	8.916	237	90784	48.576	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	197902	39.198	ng	97

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44) 2,4,5-Trichlorophenol	9.110	196	213361	39.280	ng	97
46) 1,1'-Biphenyl	9.239	154	841824	39.662	ng	99
47) 2-Chloronaphthalene	9.263	162	653792	38.931	ng	97
48) 2-Nitroaniline	9.375	65	221919	41.815	ng	98
49) Acenaphthylene	9.680	152	997379	39.165	ng	99
50) Dimethylphthalate	9.539	163	788397	39.364	ng	99
51) 2,6-Dinitrotoluene	9.616	165	171767	39.535	ng	91
52) Acenaphthene	9.851	154	607540	39.322	ng	99
53) 3-Nitroaniline	9.786	138	184123	38.322	ng	90
54) 2,4-Dinitrophenol	9.904	184	71951	39.596	ng	93
55) Dibenzofuran	10.022	168	917621	39.532	ng	96
56) 4-Nitrophenol	9.975	139	71180	33.301	ng	83
57) 2,4-Dinitrotoluene	10.022	165	223230	39.581	ng	# 83
58) Fluorene	10.363	166	767179	39.584	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	159488	40.009	ng	# 73
60) Diethylphthalate	10.239	149	797841	39.951	ng	99
61) 4-Chlorophenyl-phenyle...	10.351	204	340833	39.187	ng	91
62) 4-Nitroaniline	10.410	138	189723m	39.141	ng	
63) Azobenzene	10.516	77	787831	41.272	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	112079	40.823	ng	98
66) n-Nitrosodiphenylamine	10.480	169	642623	40.712	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	219290	40.034	ng	95
68) Hexachlorobenzene	10.916	284	243745	41.079	ng	92
69) Atrazine	11.004	200	195348	40.322	ng	96
70) Pentachlorophenol	11.122	266	68926	41.425	ng	95
71) Phenanthrene	11.327	178	1049880	40.196	ng	99
72) Anthracene	11.380	178	1030437	39.672	ng	100
73) Carbazole	11.545	167	932471	39.548	ng	100
74) Di-n-butylphthalate	11.857	149	1231956	40.598	ng	99
75) Fluoranthene	12.521	202	1070689	40.060	ng	99
77) Benzidine	12.645	184	285431	37.328	ng	99
78) Pyrene	12.751	202	1062582	39.320	ng	100
80) Butylbenzylphthalate	13.357	149	463001	40.490	ng	91
81) Benzo(a)anthracene	13.945	228	830815	38.837	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	258497	39.016	ng	98
83) Chrysene	13.980	228	780420	38.972	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	560696	41.330	ng	98
85) Di-n-octyl phthalate	14.521	149	760508	40.609	ng	98
87) Indeno(1,2,3-cd)pyrene	16.862	276	727536	43.077	ng	98
88) Benzo(b)fluoranthene	14.986	252	646205	38.360	ng	99
89) Benzo(k)fluoranthene	15.010	252	623180	38.574	ng	99
90) Benzo(a)pyrene	15.345	252	515014	38.822	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	599619	43.028	ng	99
92) Benzo(g,h,i)perylene	17.298	276	595905	42.862	ng	98

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

