

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030323\
 Data File : BF132623.D
 Acq On : 03 Mar 2023 12:07
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/06/2023
 Supervised By : Jagrut Upadhyay 03/06/2023

Quant Time: Mar 04 02:14:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	240051	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	858541	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	467303	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	904221	20.000	ng	0.00
76) Chrysene-d12	14.210	240	520672	20.000	ng	# 0.00
86) Perylene-d12	15.757	264	439613	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	1144219	77.360	ng	0.00
7) Phenol-d6	6.634	99	1497858	77.596	ng	0.00
23) Nitrobenzene-d5	7.575	82	1375309	76.002	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	422543	83.727	ng	0.00
45) 2-Fluorobiphenyl	9.369	172	2180143	71.038	ng	0.00
79) Terphenyl-d14	13.139	244	2574753	83.608	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.851	88	305378	37.325	ng	96
3) Pyridine	3.634	79	797127	36.704	ng	96
4) n-Nitrosodimethylamine	3.598	42	295631	36.038	ng	91
6) Aniline	6.669	93	1085808	41.798	ng	96
8) 2-Chlorophenol	6.792	128	606953	39.538	ng	93
9) Benzaldehyde	6.557	77	416427	39.979	ng	97
10) Phenol	6.645	94	871148	39.364	ng	95
11) bis(2-Chloroethyl)ether	6.739	93	684920	40.090	ng	94
12) 1,3-Dichlorobenzene	6.945	146	649276	39.413	ng	98
13) 1,4-Dichlorobenzene	7.022	146	653917	39.754	ng	98
14) 1,2-Dichlorobenzene	7.175	146	589145	37.320	ng	99
15) Benzyl Alcohol	7.145	79	601411	40.454	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.275	45	852274	39.120	ng	99
17) 2-Methylphenol	7.251	107	583738	40.744	ng	97
18) Hexachloroethane	7.516	117	254273	39.567	ng	96
19) n-Nitroso-di-n-propyla...	7.416	70	427865	36.016	ng	94
20) 3+4-Methylphenols	7.404	107	657142	35.503	ng	# 73
22) Acetophenone	7.416	105	804881	37.179	ng	# 85
24) Nitrobenzene	7.592	77	744416	38.465	ng	99
25) Isophorone	7.828	82	1399177	40.329	ng	99
26) 2-Nitrophenol	7.904	139	357198	41.832	ng	95
27) 2,4-Dimethylphenol	7.934	122	535056	39.702	ng	99
28) bis(2-Chloroethoxy)met...	8.033	93	831369	40.964	ng	99
29) 2,4-Dichlorophenol	8.145	162	543502	40.541	ng	99
30) 1,2,4-Trichlorobenzene	8.228	180	589968	40.528	ng	99
31) Naphthalene	8.310	128	1699782	38.674	ng	99
32) Benzoic acid	8.063	122	444157m	42.316	ng	
33) 4-Chloroaniline	8.357	127	796985	42.316	ng	97
34) Hexachlorobutadiene	8.422	225	380422	41.125	ng	98
35) Caprolactam	8.745	113	191164	43.253	ng	98
36) 4-Chloro-3-methylphenol	8.833	107	603694	41.004	ng	96
37) 2-Methylnaphthalene	9.004	142	1193033	39.831	ng	100
38) 1-Methylnaphthalene	9.104	142	1102638	39.391	ng	100
40) 1,2,4,5-Tetrachloroben...	9.169	216	617870	40.413	ng	99
41) Hexachlorocyclopentadiene	9.151	237	318890	38.455	ng	98
43) 2,4,6-Trichlorophenol	9.280	196	425250	41.042	ng	98

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44) 2,4,5-Trichlorophenol	9.322	196	485124	40.116	ng	98
46) 1,1'-Biphenyl	9.469	154	1385826	39.181	ng	99
47) 2-Chloronaphthalene	9.498	162	1114110	39.729	ng	99
48) 2-Nitroaniline	9.592	65	393333	38.084	ng	93
49) Acenaphthylene	9.916	152	1751042	39.235	ng	100
50) Dimethylphthalate	9.769	163	1387558	40.780	ng	100
51) 2,6-Dinitrotoluene	9.833	165	321068	41.434	ng	95
52) Acenaphthene	10.086	154	1140405m	40.241	ng	
53) 3-Nitroaniline	10.010	138	370891	42.788	ng	93
54) 2,4-Dinitrophenol	10.110	184	195660	40.990	ng	98
55) Dibenzofuran	10.257	168	1618547	39.176	ng	98
56) 4-Nitrophenol	10.163	139	265729	41.106	ng	93
57) 2,4-Dinitrotoluene	10.239	165	431928	41.898	ng	99
58) Fluorene	10.604	166	1233989	39.048	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.375	232	374738	41.715	ng	100
60) Diethylphthalate	10.469	149	1359992	40.925	ng	99
61) 4-Chlorophenyl-phenyle...	10.592	204	658565	40.171	ng	96
62) 4-Nitroaniline	10.627	138	361403	42.474	ng	95
63) Azobenzene	10.751	77	1387816	39.433	ng	98
65) 4,6-Dinitro-2-methylph...	10.651	198	270970	44.268	ng	97
66) n-Nitrosodiphenylamine	10.716	169	1129842	40.080	ng	99
67) 4-Bromophenyl-phenylether	11.086	248	424367	41.490	ng	97
68) Hexachlorobenzene	11.157	284	448515	41.674	ng	99
69) Atrazine	11.239	200	352145	40.014	ng	98
70) Pentachlorophenol	11.351	266	299421	46.761	ng	97
71) Phenanthrene	11.574	178	1818804	38.828	ng	99
72) Anthracene	11.627	178	1887550	39.130	ng	100
73) Carbazole	11.780	167	1705603	39.217	ng	100
74) Di-n-butylphthalate	12.098	149	2077647	40.726	ng	100
75) Fluoranthene	12.774	202	2001687	39.089	ng	98
77) Benzidine	12.886	184	678454	53.528	ng	99
78) Pyrene	13.004	202	2042851	43.154	ng	100
80) Butylbenzylphthalate	13.610	149	825055	44.166	ng	99
81) Benzo(a)anthracene	14.198	228	1606961	41.249	ng	98
82) 3,3'-Dichlorobenzidine	14.157	252	454603	39.581	ng	98
83) Chrysene	14.239	228	1486353	40.800	ng	99
84) Bis(2-ethylhexyl)phtha...	14.168	149	1031955	44.969	ng	98
85) Di-n-octyl phthalate	14.792	149	1483977	44.252	ng	98
87) Indeno(1,2,3-cd)pyrene	17.368	276	1347149	46.767	ng	99
88) Benzo(b)fluoranthene	15.298	252	1186652	40.279	ng	99
89) Benzo(k)fluoranthene	15.327	252	1188593	41.223	ng	99
90) Benzo(a)pyrene	15.698	252	1143051	41.456	ng	100
91) Dibenzo(a,h)anthracene	17.386	278	1094310	46.626	ng	98
92) Benzo(g,h,i)perylene	17.862	276	1157565	43.790	ng	99

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

