

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020823\
 Data File : BF132354.D
 Acq On : 08 Feb 2023 12:37
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/09/2023
 Supervised By : Jagrut Upadhyay 02/09/2023

Quant Time: Feb 09 01:57:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	180394	20.000	ng	0.00
21) Naphthalene-d8	8.336	136	671702	20.000	ng	# 0.00
39) Acenaphthene-d10	10.101	164	343739	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	639475	20.000	ng	0.00
76) Chrysene-d12	14.254	240	375503	20.000	ng	0.00
86) Perylene-d12	15.824	264	330442	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.660	112	852438	75.956	ng	0.00
7) Phenol-d6	6.666	99	1028014	74.300	ng	0.00
23) Nitrobenzene-d5	7.613	82	875165	72.503	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	333863	94.448	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1660587	74.602	ng	0.00
79) Terphenyl-d14	13.189	244	1816588	93.582	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.931	88	212955	40.327	ng	95
3) Pyridine	3.701	79	526391	36.744	ng	95
4) n-Nitrosodimethylamine	3.666	42	157581	34.376	ng	91
6) Aniline	6.713	93	689382m	36.717	ng	
8) 2-Chlorophenol	6.831	128	461844	39.734	ng	96
9) Benzaldehyde	6.601	77	323105	42.744	ng	97
10) Phenol	6.678	94	522402	36.478	ng	98
11) bis(2-Chloroethyl)ether	6.778	93	446263	37.864	ng	96
12) 1,3-Dichlorobenzene	6.989	146	489338	39.804	ng	99
13) 1,4-Dichlorobenzene	7.066	146	495475	40.376	ng	100
14) 1,2-Dichlorobenzene	7.219	146	462069	40.376	ng	99
15) Benzyl Alcohol	7.184	79	373428	36.989	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.319	45	404324	32.560	ng	94
17) 2-Methylphenol	7.289	107	396198	38.940	ng	99
18) Hexachloroethane	7.566	117	185285	40.249	ng	96
19) n-Nitroso-di-n-propyla...	7.460	70	261614	33.288	ng	95
20) 3+4-Methylphenols	7.442	107	498375	38.377	ng	98
22) Acetophenone	7.454	105	585852	37.087	ng	99
24) Nitrobenzene	7.631	77	441070	35.767	ng	97
25) Isophorone	7.872	82	838590	36.603	ng	94
26) 2-Nitrophenol	7.948	139	255145	42.477	ng	# 90
27) 2,4-Dimethylphenol	7.972	122	415226	39.494	ng	99
28) bis(2-Chloroethoxy)met...	8.072	93	529414	37.603	ng	99
29) 2,4-Dichlorophenol	8.184	162	386107	41.364	ng	98
30) 1,2,4-Trichlorobenzene	8.272	180	418562	41.874	ng	98
31) Naphthalene	8.360	128	1300057	39.320	ng	99
32) Benzoic acid	8.084	122	321932m	41.367	ng	
33) 4-Chloroaniline	8.401	127	583332	39.787	ng	98
34) Hexachlorobutadiene	8.472	225	251863	44.821	ng	100
35) Caprolactam	8.784	113	128098	40.254	ng	# 80
36) 4-Chloro-3-methylphenol	8.872	107	400068	39.783	ng	97
37) 2-Methylnaphthalene	9.048	142	909707	40.620	ng	100
38) 1-Methylnaphthalene	9.148	142	847640	40.727	ng	99
40) 1,2,4,5-Tetrachloroben...	9.213	216	403228	41.685	ng	99
41) Hexachlorocyclopentadiene	9.201	237	236677	41.937	ng	99
43) 2,4,6-Trichlorophenol	9.325	196	288947	41.788	ng	100

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44) 2,4,5-Trichlorophenol	9.360	196	339074	42.604	ng	98
46) 1,1'-Biphenyl	9.513	154	1063117	40.117	ng	98
47) 2-Chloronaphthalene	9.542	162	804745	39.871	ng	99
48) 2-Nitroaniline	9.636	65	211476	35.230	ng	# 76
49) Acenaphthylene	9.960	152	1312374	39.840	ng	99
50) Dimethylphthalate	9.813	163	990172	41.180	ng	99
51) 2,6-Dinitrotoluene	9.878	165	227140	42.297	ng	# 81
52) Acenaphthene	10.136	154	825843	40.044	ng	100
53) 3-Nitroaniline	10.048	138	258910	39.757	ng	98
54) 2,4-Dinitrophenol	10.148	184	121871	41.361	ng	96
55) Dibenzofuran	10.307	168	1147302	39.594	ng	99
56) 4-Nitrophenol	10.189	139	190797	38.934	ng	94
57) 2,4-Dinitrotoluene	10.283	165	298860	42.843	ng	# 81
58) Fluorene	10.648	166	887366	39.791	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.419	232	253620	43.712	ng	97
60) Diethylphthalate	10.513	149	1011013	42.267	ng	98
61) 4-Chlorophenyl-phenyle...	10.636	204	446942	42.230	ng	96
62) 4-Nitroaniline	10.666	138	242659	38.857	ng	96
63) Azobenzene	10.801	77	824683	35.395	ng	94
65) 4,6-Dinitro-2-methylph...	10.689	198	166453	45.862	ng	97
66) n-Nitrosodiphenylamine	10.760	169	789747	39.440	ng	98
67) 4-Bromophenyl-phenylether	11.130	248	285895	43.660	ng	97
68) Hexachlorobenzene	11.201	284	309101	44.164	ng	# 92
69) Atrazine	11.283	200	261071	45.328	ng	100
70) Pentachlorophenol	11.389	266	211517	43.984	ng	99
71) Phenanthrene	11.619	178	1320395	39.514	ng	99
72) Anthracene	11.672	178	1342475	39.476	ng	99
73) Carbazole	11.824	167	1166780	38.264	ng	100
74) Di-n-butylphthalate	12.148	149	1535837	42.604	ng	99
75) Fluoranthene	12.819	202	1336619	39.197	ng	97
77) Benzidine	12.930	184	524885	39.982	ng	99
78) Pyrene	13.054	202	1347812	44.627	ng	99
80) Butylbenzylphthalate	13.660	149	604904	45.333	ng	93
81) Benzo(a)anthracene	14.242	228	1068455	40.683	ng	99
82) 3,3'-Dichlorobenzidine	14.201	252	328256	39.242	ng	99
83) Chrysene	14.283	228	998340	40.596	ng	99
84) Bis(2-ethylhexyl)phtha...	14.213	149	804811	44.622	ng	100
85) Di-n-octyl phthalate	14.842	149	1112214	37.807	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.454	276	985107	44.866	ng	96
88) Benzo(b)fluoranthene	15.354	252	825294	39.292	ng	98
89) Benzo(k)fluoranthene	15.389	252	853506	42.570	ng	97
90) Benzo(a)pyrene	15.760	252	790369	40.409	ng	98
91) Dibenzo(a,h)anthracene	17.471	278	809768	45.872	ng	97
92) Benzo(g,h,i)perylene	17.953	276	823573	45.159	ng	96

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

