

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132640.D
 Acq On : 06 Mar 2023 09:42
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/07/2023
 Supervised By : Jagrut Upadhyay 03/07/2023

Quant Time: Mar 07 01:33:49 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	198712	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	709383	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	376184	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	714431	20.000	ng	0.00
76) Chrysene-d12	14.210	240	423580	20.000	ng	0.00
86) Perylene-d12	15.757	264	373069	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	987253	80.633	ng	0.00
7) Phenol-d6	6.628	99	1281227	80.181	ng	0.00
23) Nitrobenzene-d5	7.569	82	1157058	77.385	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	338290	83.269	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1831278	74.124	ng	0.00
79) Terphenyl-d14	13.139	244	2069432	82.603	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.852	88	278765	41.160	ng	96
3) Pyridine	3.634	79	755322	42.015	ng	94
4) n-Nitrosodimethylamine	3.599	42	268597	39.554	ng	84
6) Aniline	6.669	93	919209	42.746	ng	95
8) 2-Chlorophenol	6.787	128	519467	40.879	ng	99
9) Benzaldehyde	6.557	77	349506	40.535	ng	97
10) Phenol	6.645	94	750978	40.993	ng	94
11) bis(2-Chloroethyl)ether	6.734	93	567629	40.137	ng	97
12) 1,3-Dichlorobenzene	6.945	146	549205	40.274	ng	96
13) 1,4-Dichlorobenzene	7.022	146	549138	40.329	ng	98
14) 1,2-Dichlorobenzene	7.175	146	500341	38.288	ng	98
15) Benzyl Alcohol	7.140	79	512777	41.668	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.275	45	694927	38.533	ng	100
17) 2-Methylphenol	7.251	107	480837	40.544	ng	97
18) Hexachloroethane	7.516	117	211859	39.826	ng	95
19) n-Nitroso-di-n-propyla...	7.416	70	356452	36.246	ng	# 92
20) 3+4-Methylphenols	7.404	107	562015	36.681	ng	# 77
22) Acetophenone	7.416	105	683440	38.208	ng	# 83
24) Nitrobenzene	7.587	77	628307	39.292	ng	97
25) Isophorone	7.822	82	1141553	39.822	ng	99
26) 2-Nitrophenol	7.904	139	294910	41.799	ng	93
27) 2,4-Dimethylphenol	7.934	122	450931	40.495	ng	99
28) bis(2-Chloroethoxy)met...	8.028	93	679544	40.523	ng	99
29) 2,4-Dichlorophenol	8.145	162	454394	41.021	ng	100
30) 1,2,4-Trichlorobenzene	8.228	180	487556	40.535	ng	98
31) Naphthalene	8.310	128	1443172	39.739	ng	99
32) Benzoic acid	8.057	122	337128m	39.185	ng	
33) 4-Chloroaniline	8.357	127	664705	42.713	ng	97
34) Hexachlorobutadiene	8.422	225	311372	40.738	ng	99
35) Caprolactam	8.739	113	157770m	43.203	ng	
36) 4-Chloro-3-methylphenol	8.834	107	499260	41.041	ng	97
37) 2-Methylnaphthalene	9.004	142	986665	39.867	ng	100
38) 1-Methylnaphthalene	9.104	142	926980	40.079	ng	99
40) 1,2,4,5-Tetrachloroben...	9.169	216	511655	41.571	ng	99
41) Hexachlorocyclopentadiene	9.151	237	235151	35.225	ng	99
43) 2,4,6-Trichlorophenol	9.281	196	344854	41.345	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.322	196	399921	41.080	ng	98
46) 1,1'-Biphenyl	9.469	154	1150558	40.409	ng	97
47) 2-Chloronaphthalene	9.498	162	914557	40.513	ng	98
48) 2-Nitroaniline	9.592	65	331074	39.820	ng	88
49) Acenaphthylene	9.916	152	1460385	40.648	ng	99
50) Dimethylphthalate	9.763	163	1119016	40.854	ng	99
51) 2,6-Dinitrotoluene	9.833	165	263290	42.207	ng	90
52) Acenaphthene	10.086	154	938901m	41.155	ng	
53) 3-Nitroaniline	10.004	138	301260	43.173	ng	100
54) 2,4-Dinitrophenol	10.110	184	159536	41.494	ng	98
55) Dibenzofuran	10.257	168	1358318	40.841	ng	99
56) 4-Nitrophenol	10.163	139	218622	42.011	ng	85
57) 2,4-Dinitrotoluene	10.239	165	351273	42.328	ng	96
58) Fluorene	10.604	166	1023485	40.232	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.375	232	312380	43.197	ng	96
60) Diethylphthalate	10.463	149	1086201	40.604	ng	100
61) 4-Chlorophenyl-phenyle...	10.592	204	536173	40.627	ng	92
62) 4-Nitroaniline	10.622	138	294426	42.984	ng	97
63) Azobenzene	10.751	77	1102918	38.929	ng	98
65) 4,6-Dinitro-2-methylph...	10.651	198	210470	43.518	ng	98
66) n-Nitrosodiphenylamine	10.710	169	919067	41.264	ng	99
67) 4-Bromophenyl-phenylether	11.086	248	340725	42.162	ng	94
68) Hexachlorobenzene	11.151	284	356688	41.946	ng	# 92
69) Atrazine	11.233	200	277031	39.841	ng	99
70) Pentachlorophenol	11.351	266	227043	44.877	ng	99
71) Phenanthrene	11.575	178	1487073	40.179	ng	100
72) Anthracene	11.627	178	1537406	40.338	ng	99
73) Carbazole	11.780	167	1402375	40.811	ng	99
74) Di-n-butylphthalate	12.098	149	1588784	39.416	ng	99
75) Fluoranthene	12.769	202	1662041	41.078	ng	100
77) Benzidine	12.886	184	556079	53.930	ng	99
78) Pyrene	13.004	202	1675506	43.507	ng	100
80) Butylbenzylphthalate	13.610	149	623579	41.033	ng	97
81) Benzo(a)anthracene	14.198	228	1314675	41.481	ng	99
82) 3,3'-Dichlorobenzidine	14.157	252	394071	42.175	ng	# 99
83) Chrysene	14.233	228	1219022	41.132	ng	99
84) Bis(2-ethylhexyl)phtha...	14.163	149	721241	38.633	ng	99
85) Di-n-octyl phthalate	14.792	149	1054195	38.642	ng	98
87) Indeno(1,2,3-cd)pyrene	17.368	276	1144237	46.808	ng	100
88) Benzo(b)fluoranthene	15.298	252	1019725	40.787	ng	98
89) Benzo(k)fluoranthene	15.327	252	1016273	41.534	ng	99
90) Benzo(a)pyrene	15.698	252	978392	41.813	ng	99
91) Dibenzo(a,h)anthracene	17.386	278	922444	46.314	ng	98
92) Benzo(g,h,i)perylene	17.856	276	989796	44.110	ng	99

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

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