

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012423\
 Data File : BF132189.D
 Acq On : 24 Jan 2023 12:04
 Operator : CG\JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/25/2023
 Supervised By : Jagrut Upadhyay 01/25/2023

Quant Time: Jan 25 01:14:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 01:10:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.083	152	262821	20.000	ng	0.00
21) Naphthalene-d8	8.372	136	927920	20.000	ng	0.00
39) Acenaphthene-d10	10.136	164	509375	20.000	ng	0.00
64) Phenanthrene-d10	11.636	188	956443	20.000	ng	0.00
76) Chrysene-d12	14.295	240	538146	20.000	ng	0.00
86) Perylene-d12	15.889	264	456664	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.701	112	1209131	82.946	ng	0.00
7) Phenol-d6	6.695	99	1475656	82.230	ng	0.00
23) Nitrobenzene-d5	7.648	82	1430154	82.545	ng	0.00
42) 2,4,6-Tribromophenol	10.930	330	398346	83.259	ng	0.00
45) 2-Fluorobiphenyl	9.448	172	2640754	78.530	ng	0.00
79) Terphenyl-d14	13.230	244	2893877	84.263	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	311652	41.887	ng	100
3) Pyridine	3.778	79	842360	41.407	ng	100
4) n-Nitrosodimethylamine	3.748	42	390859	42.906	ng	100
6) Aniline	6.748	93	1020001	40.479	ng	100
8) 2-Chlorophenol	6.866	128	633433	42.013	ng	100
9) Benzaldehyde	6.636	77	501679	38.978	ng	100
10) Phenol	6.713	94	782346	41.549	ng	100
11) bis(2-Chloroethyl)ether	6.813	93	651100	40.973	ng	100
12) 1,3-Dichlorobenzene	7.025	146	727480	40.898	ng	100
13) 1,4-Dichlorobenzene	7.101	146	733010	41.207	ng	100
14) 1,2-Dichlorobenzene	7.254	146	673003	40.617	ng	100
15) Benzyl Alcohol	7.219	79	614898	42.773	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.354	45	844256	39.330	ng	100
17) 2-Methylphenol	7.319	107	559894	41.602	ng	100
18) Hexachloroethane	7.601	117	259656	42.049	ng	100
19) n-Nitroso-di-n-propyla...	7.495	70	481096	40.487	ng	100
20) 3+4-Methylphenols	7.478	107	710902	42.034	ng	100
22) Acetophenone	7.489	105	881661	39.369	ng	100
24) Nitrobenzene	7.666	77	756212	41.309	ng	100
25) Isophorone	7.901	82	1324460	40.135	ng	100
26) 2-Nitrophenol	7.983	139	288963	42.833	ng	100
27) 2,4-Dimethylphenol	8.007	122	567308	41.315	ng	100
28) bis(2-Chloroethoxy)met...	8.107	93	765684	39.707	ng	100
29) 2,4-Dichlorophenol	8.219	162	573569	41.691	ng	100
30) 1,2,4-Trichlorobenzene	8.307	180	663804	40.458	ng	100
31) Naphthalene	8.395	128	1777125	39.238	ng	100
32) Benzoic acid	8.113	122	337678m	42.224	ng	
33) 4-Chloroaniline	8.436	127	790165	40.301	ng	100
34) Hexachlorobutadiene	8.507	225	457026	41.332	ng	100
35) Caprolactam	8.813	113	152459	43.163	ng	100
36) 4-Chloro-3-methylphenol	8.907	107	556798	41.496	ng	100
37) 2-Methylnaphthalene	9.083	142	1317041	40.083	ng	100
38) 1-Methylnaphthalene	9.183	142	1207955	39.896	ng	100
40) 1,2,4,5-Tetrachloroben...	9.248	216	735549	41.143	ng	100
41) Hexachlorocyclopentadiene	9.236	237	396696	41.220	ng	100
43) 2,4,6-Trichlorophenol	9.354	196	445018	42.550	ng	100

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44) 2,4,5-Trichlorophenol	9.395	196	520438	42.470	ng	100
46) 1,1'-Biphenyl	9.554	154	1547264	40.464	ng	100
47) 2-Chloronaphthalene	9.577	162	1202857	40.389	ng	100
48) 2-Nitroaniline	9.672	65	341740	44.521	ng	100
49) Acenaphthylene	10.001	152	1820929	40.055	ng	100
50) Dimethylphthalate	9.848	163	1398011	41.135	ng	100
51) 2,6-Dinitrotoluene	9.913	165	311205	43.212	ng	100
52) Acenaphthene	10.172	154	1148830	40.068	ng	100
53) 3-Nitroaniline	10.083	138	324877	42.680	ng	100
54) 2,4-Dinitrophenol	10.183	184	134807	40.997	ng	100
55) Dibenzofuran	10.342	168	1707267	40.015	ng	100
56) 4-Nitrophenol	10.224	139	228409	43.296	ng	100
57) 2,4-Dinitrotoluene	10.319	165	395012	44.056	ng	100
58) Fluorene	10.689	166	1308909	39.712	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.454	232	393173m	42.928	ng	
60) Diethylphthalate	10.548	149	1373432	42.195	ng	100
61) 4-Chlorophenyl-phenyle...	10.677	204	746588	40.033	ng	100
62) 4-Nitroaniline	10.701	138	314120	42.779	ng	100
63) Azobenzene	10.836	77	1330196	39.986	ng	100
65) 4,6-Dinitro-2-methylph...	10.724	198	187279	40.549	ng	100
66) n-Nitrosodiphenylamine	10.795	169	1153544	40.501	ng	100
67) 4-Bromophenyl-phenylether	11.171	248	464166	40.599	ng	100
68) Hexachlorobenzene	11.236	284	454202	40.449	ng	100
69) Atrazine	11.319	200	388063	43.275	ng	100
70) Pentachlorophenol	11.430	266	315421	42.016	ng	100
71) Phenanthrene	11.660	178	1907613	40.142	ng	100
72) Anthracene	11.713	178	1928559	40.021	ng	100
73) Carbazole	11.866	167	1657119	40.801	ng	100
74) Di-n-butylphthalate	12.183	149	1973358	43.662	ng	100
75) Fluoranthene	12.860	202	2043324	41.112	ng	100
77) Benzidine	12.971	184	622198	45.385	ng	100
78) Pyrene	13.095	202	2025237	42.369	ng	100
80) Butylbenzylphthalate	13.701	149	636705	45.636	ng	100
81) Benzo(a)anthracene	14.289	228	1578517	41.232	ng	100
82) 3,3'-Dichlorobenzidine	14.242	252	438880	43.013	ng	100
83) Chrysene	14.324	228	1442405	40.341	ng	100
84) Bis(2-ethylhexyl)phtha...	14.260	149	843464	44.616	ng	100
85) Di-n-octyl phthalate	14.895	149	1071125	40.723	ng	100
87) Indeno(1,2,3-cd)pyrene	17.548	276	1365132	43.516	ng	100
88) Benzo(b)fluoranthene	15.406	252	1199372	40.985	ng	100
89) Benzo(k)fluoranthene	15.442	252	1240950	41.534	ng	100
90) Benzo(a)pyrene	15.824	252	1166308	42.577	ng	100
91) Dibenzo(a,h)anthracene	17.571	278	1142789	44.111	ng	100
92) Benzo(g,h,i)perylene	18.053	276	1144574	43.640	ng	100

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

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