

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132162.D
 Acq On : 20 Jan 2023 15:35
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/23/2023
 Supervised By : Jagrut Upadhyay 01/23/2023

Quant Time: Jan 21 02:20:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.089	152	179851	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	609098	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	328142	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	659634	20.000	ng	0.00
76) Chrysene-d12	14.307	240	382764	20.000	ng	0.00
86) Perylene-d12	15.901	264	334733	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	805570	78.245	ng	0.00
7) Phenol-d6	6.701	99	1028173	79.333	ng	0.00
23) Nitrobenzene-d5	7.654	82	951917	83.022	ng	0.00
42) 2,4,6-Tribromophenol	10.936	330	304295	86.816	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1591206	70.857	ng	0.00
79) Terphenyl-d14	13.236	244	1797330	78.657	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.019	88	213341	40.902	ng	99
3) Pyridine	3.778	79	571731	40.832	ng	99
4) n-Nitrosodimethylamine	3.743	42	266401	40.455	ng	98
6) Aniline	6.754	93	706958	39.382	ng	99
8) 2-Chlorophenol	6.872	128	434113	40.114	ng	99
9) Benzaldehyde	6.642	77	335562	40.246	ng	98
10) Phenol	6.713	94	535348	39.679	ng	99
11) bis(2-Chloroethyl)ether	6.819	93	445645	39.017	ng	99
12) 1,3-Dichlorobenzene	7.031	146	468550	38.732	ng	99
13) 1,4-Dichlorobenzene	7.107	146	469497	38.895	ng	98
14) 1,2-Dichlorobenzene	7.266	146	427002	38.256	ng	99
15) Benzyl Alcohol	7.225	79	397534m	40.102	ng	
16) 2,2'-oxybis(1-Chloropr...	7.360	45	644359	38.816	ng	100
17) 2-Methylphenol	7.325	107	375603	39.617	ng	99
18) Hexachloroethane	7.607	117	174847	40.351	ng	98
19) n-Nitroso-di-n-propyla...	7.495	70	305813	38.522	ng	98
20) 3+4-Methylphenols	7.484	107	479873	40.168	ng	99
22) Acetophenone	7.501	105	561616	38.362	ng	99
24) Nitrobenzene	7.678	77	503659	41.488	ng	93
25) Isophorone	7.907	82	895329	39.909	ng	100
26) 2-Nitrophenol	7.989	139	211964	46.115	ng	97
27) 2,4-Dimethylphenol	8.013	122	389150	40.088	ng	98
28) bis(2-Chloroethoxy)met...	8.119	93	524164	38.941	ng	99
29) 2,4-Dichlorophenol	8.225	162	379665	41.196	ng	98
30) 1,2,4-Trichlorobenzene	8.319	180	406022	38.788	ng	99
31) Naphthalene	8.401	128	1218921	38.966	ng	99
32) Benzoic acid	8.107	122	280780m	44.085	ng	
33) 4-Chloroaniline	8.442	127	540069	40.344	ng	99
34) Hexachlorobutadiene	8.513	225	277115	39.408	ng	99
35) Caprolactam	8.819	113	120006	45.918	ng	94
36) 4-Chloro-3-methylphenol	8.913	107	385586	41.575	ng	99
37) 2-Methylnaphthalene	9.095	142	831846	38.623	ng	99
38) 1-Methylnaphthalene	9.195	142	775707	38.709	ng	99
40) 1,2,4,5-Tetrachloroben...	9.260	216	432185	37.854	ng	99
41) Hexachlorocyclopentadiene	9.248	237	252256	40.489	ng	98
43) 2,4,6-Trichlorophenol	9.366	196	296771	41.883	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132162.D
 Acq On : 20 Jan 2023 15:35
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/23/2023
 Supervised By : Jagrut Upadhyay 01/23/2023

Quant Time: Jan 21 02:20:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.401	196	344339	41.552	ng	99
46) 1,1'-Biphenyl	9.560	154	991188	38.287	ng	100
47) 2-Chloronaphthalene	9.589	162	771024	38.528	ng	99
48) 2-Nitroaniline	9.678	65	272900	42.925	ng	100
49) Acenaphthylene	10.007	152	1243479	38.841	ng	99
50) Dimethylphthalate	9.854	163	952382	40.073	ng	99
51) 2,6-Dinitrotoluene	9.919	165	214303	46.522	ng	98
52) Acenaphthene	10.177	154	750004	38.948	ng	99
53) 3-Nitroaniline	10.089	138	228744	46.445	ng	98
54) 2,4-Dinitrophenol	10.189	184	93585	46.309	ng	88
55) Dibenzofuran	10.354	168	1149349	38.622	ng	99
56) 4-Nitrophenol	10.230	139	169237	47.215	ng	95
57) 2,4-Dinitrotoluene	10.325	165	270950	49.002	ng	86
58) Fluorene	10.695	166	852792	38.674	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.460	232	275950	43.775	ng	99
60) Diethylphthalate	10.560	149	966649	41.477	ng	100
61) 4-Chlorophenyl-phenyle...	10.683	204	461182	39.058	ng	99
62) 4-Nitroaniline	10.707	138	210367	45.880	ng	98
63) Azobenzene	10.848	77	922739	39.450	ng	99
65) 4,6-Dinitro-2-methylph...	10.730	198	137931	43.465	ng	96
66) n-Nitrosodiphenylamine	10.801	169	778818	36.866	ng	99
67) 4-Bromophenyl-phenylether	11.177	248	299792	37.286	ng	98
68) Hexachlorobenzene	11.248	284	302192	37.817	ng	99
69) Atrazine	11.324	200	273884	42.020	ng	98
70) Pentachlorophenol	11.436	266	227228	44.251	ng	99
71) Phenanthrene	11.672	178	1314586	37.976	ng	99
72) Anthracene	11.719	178	1349212	38.527	ng	99
73) Carbazole	11.871	167	1179290	39.423	ng	99
74) Di-n-butylphthalate	12.195	149	1391266	41.779	ng	100
75) Fluoranthene	12.866	202	1437895	40.438	ng	100
77) Benzidine	12.983	184	521095	45.343	ng	98
78) Pyrene	13.101	202	1448744	41.069	ng	100
80) Butylbenzylphthalate	13.707	149	511782	44.745	ng	96
81) Benzo(a)anthracene	14.295	228	1091307	39.909	ng	99
82) 3,3'-Dichlorobenzidine	14.248	252	314931	41.355	ng	# 99
83) Chrysene	14.330	228	1010407	38.820	ng	100
84) Bis(2-ethylhexyl)phtha...	14.265	149	635880	41.797	ng	100
85) Di-n-octyl phthalate	14.907	149	821577	38.727	ng	99
87) Indeno(1,2,3-cd)pyrene	17.565	276	1033730	39.225	ng	99
88) Benzo(b)fluoranthene	15.418	252	858835	42.140	ng	100
89) Benzo(k)fluoranthene	15.454	252	818671	39.386	ng	100
90) Benzo(a)pyrene	15.830	252	812969	41.466	ng	99
91) Dibenzo(a,h)anthracene	17.589	278	834453	42.123	ng	99
92) Benzo(g,h,i)perylene	18.077	276	887767	39.281	ng	99

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

