

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
 Data File : BF136029.D
 Acq On : 30 Oct 2023 15:20
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

Quant Time: Oct 30 18:45:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 17:15:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.827	152	158355	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	623589	20.000	ng	0.00
39) Acenaphthene-d10	9.862	164	320125	20.000	ng	0.00
64) Phenanthrene-d10	11.356	188	588448	20.000	ng	0.00
76) Chrysene-d12	14.015	240	310742	20.000	ng	0.00
86) Perylene-d12	15.497	264	304908	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1184853	117.577	ng	0.00
7) Phenol-d6	6.463	99	1465502	116.720	ng	0.00
23) Nitrobenzene-d5	7.398	82	1264979	122.286	ng	0.00
42) 2,4,6-Tribromophenol	10.662	330	409352	119.801	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	2155095	107.316	ng	0.00
79) Terphenyl-d14	12.962	244	2421071	121.079	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	268616	61.214	ng	100
3) Pyridine	3.345	79	730457	60.986	ng	99
4) n-Nitrosodimethylamine	3.322	42	308204	61.545	ng	100
6) Aniline	6.498	93	959939	59.053	ng	99
8) 2-Chlorophenol	6.616	128	628999	58.382	ng	97
9) Benzaldehyde	6.380	77	369489	52.776	ng	98
10) Phenol	6.480	94	770693m	59.341	ng	
11) bis(2-Chloroethyl)ether	6.569	93	602656	59.278	ng	97
12) 1,3-Dichlorobenzene	6.769	146	655538	58.461	ng	98
13) 1,4-Dichlorobenzene	6.845	146	653770	58.177	ng	99
14) 1,2-Dichlorobenzene	6.998	146	606241	57.695	ng	97
15) Benzyl Alcohol	6.974	79	517350	58.112	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.104	45	815657	58.287	ng	99
17) 2-Methylphenol	7.080	107	542814	59.391	ng	99
18) Hexachloroethane	7.339	117	233860	59.209	ng	91
19) n-Nitroso-di-n-propyla...	7.251	70	411034	57.295	ng	100
20) 3+4-Methylphenols	7.239	107	618122	55.462	ng	96
22) Acetophenone	7.239	105	769855	55.675	ng	# 88
24) Nitrobenzene	7.416	77	635936	60.776	ng	100
25) Isophorone	7.651	82	1162253	59.514	ng	100
26) 2-Nitrophenol	7.721	139	318010	66.613	ng	96
27) 2,4-Dimethylphenol	7.763	122	537631	59.596	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	694158	58.012	ng	99
29) 2,4-Dichlorophenol	7.963	162	513267	60.352	ng	95
30) 1,2,4-Trichlorobenzene	8.045	180	543283	58.559	ng	98
31) Naphthalene	8.133	128	1735350	57.709	ng	99
32) Benzoic acid	7.898	122	442999m	59.801	ng	
33) 4-Chloroaniline	8.180	127	772040	58.626	ng	98
34) Hexachlorobutadiene	8.245	225	311345	58.517	ng	99
35) Caprolactam	8.568	113	169477	61.286	ng	89
36) 4-Chloro-3-methylphenol	8.663	107	530300	59.393	ng	99
37) 2-Methylnaphthalene	8.821	142	1146978	56.885	ng	100
38) 1-Methylnaphthalene	8.921	142	1075169	57.300	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	524974	57.502	ng	99
41) Hexachlorocyclopentadiene	8.974	237	308752	63.301	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	351036	58.971	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
 Data File : BF136029.D
 Acq On : 30 Oct 2023 15:20
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

Quant Time: Oct 30 18:45:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 17:15:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	413778	60.007	ng	97
46) 1,1'-Biphenyl	9.292	154	1379938	56.546	ng	99
47) 2-Chloronaphthalene	9.315	162	1031433	57.333	ng	99
48) 2-Nitroaniline	9.410	65	336954	63.288	ng	95
49) Acenaphthylene	9.727	152	1611904	57.434	ng	99
50) Dimethylphthalate	9.598	163	1217301	57.649	ng	100
51) 2,6-Dinitrotoluene	9.657	165	283518	62.777	ng	94
52) Acenaphthene	9.904	154	1000107m	56.240	ng	
53) 3-Nitroaniline	9.827	138	329993	62.621	ng	96
54) 2,4-Dinitrophenol	9.921	184	140953	59.821	ng	# 91
55) Dibenzofuran	10.074	168	1466816	56.382	ng	98
56) 4-Nitrophenol	9.974	139	257510	65.328	ng	88
57) 2,4-Dinitrotoluene	10.057	165	367047	64.235	ng	99
58) Fluorene	10.421	166	1084640	55.684	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	322913	58.903	ng	99
60) Diethylphthalate	10.298	149	1168665	57.924	ng	99
61) 4-Chlorophenyl-phenyle...	10.409	204	533836	54.904	ng	97
62) 4-Nitroaniline	10.445	138	316406	62.355	ng	96
63) Azobenzene	10.574	77	1120812	57.683	ng	96
65) 4,6-Dinitro-2-methylph...	10.462	198	198199	59.732	ng	78
66) n-Nitrosodiphenylamine	10.533	169	1029340	57.987	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	364428	59.070	ng	96
68) Hexachlorobenzene	10.962	284	389687	59.141	ng	# 92
69) Atrazine	11.062	200	276797	57.311	ng	96
70) Pentachlorophenol	11.156	266	268649	63.486	ng	97
71) Phenanthrene	11.386	178	1673783	56.492	ng	99
72) Anthracene	11.439	178	1739800	57.305	ng	99
73) Carbazole	11.592	167	1515316	57.436	ng	98
74) Di-n-butylphthalate	11.933	149	1733132	57.490	ng	99
75) Fluoranthene	12.580	202	1725038	56.675	ng	98
77) Benzidine	12.698	184	342043	56.474	ng	98
78) Pyrene	12.809	202	1738276	63.449	ng	99
80) Butylbenzylphthalate	13.439	149	636481	64.903	ng	100
81) Benzo(a)anthracene	14.003	228	1218170	59.215	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	396884	60.446	ng	# 99
83) Chrysene	14.045	228	1205780	59.516	ng	100
84) Bis(2-ethylhexyl)phtha...	14.009	149	703154	61.544	ng	99
85) Di-n-octyl phthalate	14.627	149	1079503	63.071	ng	100
87) Indeno(1,2,3-cd)pyrene	17.021	276	1333781	66.932	ng	99
88) Benzo(b)fluoranthene	15.062	252	1044479	57.892	ng	99
89) Benzo(k)fluoranthene	15.097	252	1001322	56.092	ng	99
90) Benzo(a)pyrene	15.439	252	1010540	60.281	ng	99
91) Dibenzo(a,h)anthracene	17.050	278	1083272	66.363	ng	99
92) Benzo(g,h,i)perylene	17.485	276	1129371	60.000	ng	99

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

